



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|--|---|
| Product Identifier: Performance Plus Alkaline Drain Opener Product Use: Drain Maintainer & Cleaner Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patria Drive Menomonee Falls, WI 53051 | Product Identification # (PIF): 01765 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: January 19, 2011 Date Revised: December 7, 2015 |
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SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:



Signal Word: DANGER

| Hazard Statement | Category | Code | Hazard Class |
|--|----------|------|---|
| May be corrosive to metals | 1 | H290 | Corrosive to Metals |
| Harmful if swallowed | 4 | H302 | Acute Toxicity, Oral |
| May be harmful if swallowed and enters airways | 2 | H305 | Aspiration Hazard |
| Causes severe burns and eye damage | 1B | H314 | Skin Corrosion |
| Causes serious eye damage | 1 | H318 | Serious Eye Damage |
| Harmful to aquatic life | 3 | H402 | Hazardous to the Aquatic Environment, Acute |

Precautionary Measures:

| Category | Code | Statement |
|------------|--|--|
| Prevention | P234 P260 P264 P270 P273 P280 | Keep only in original container. Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | P301+P330+P331 P310+P321 P303+P361+P353 P303 P363 P304+P340 P310 P321 P305+P351+P338 P310 P390 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Specific treatment: See section 4 First Aid Measures IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. |
| Storage | P404 P405 | Store in a closed container. Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Prolonged/repeated skin exposures can result in dermatitis. Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest). Corrosive to digestive tract. Ingestion may cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|------------------|--------------|-----------|-----------------------|
| Sodium hydroxide | Caustic soda | 1310-73-2 | 15 – 19 |

SECTION 4. FIRST AID MEASURES

Eyes: Immediately flush well with water for at least 15 minutes, while holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, repeat flushing. Seek medical attention immediately.

Skin: Wash with soap and water, then flush with water for 15 minutes. Remove contaminated clothing and laundry before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Treat symptomatically. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Get medical attention immediately. Pulmonary edema symptoms can be delayed up to 48 hours after exposure.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth. If vomiting occurs spontaneously, have victim lean forward with head down, rinse mouth and administer more water. Immediately transport victim to an emergency facility.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Use media appropriate for surrounding fire.

Specific hazards arising from chemical: May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air.

Hazardous combustion products: Sodium oxide fumes.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Ventilate area. Do not breathe fumes/mists/ vapors/sprays. Absorb spillage to prevent material damage. Wash thoroughly after handling.

For Small Spills: Avoid release into the environment. Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize with weak acidic material (citric acid), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not breathe fumes/mists/ vapors/sprays. Do not premix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling. Avoid release into the environment.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Keep only in original container. Protect from physical damage. Store away from strong acids, halogenated compounds, prolonged contact with metals or alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|------------------|-----------|----------|-----------|-----------------|
| Sodium hydroxide | 1310-73-2 | 2mg/m3 | 2mg/m3 | Not established |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles and face shield.

Skin: Chemical resistant gloves – rubber, neoprene or nitrile. Normal materials handling clothing and apron.

Respirator: Use NIOSH approved protection if PEL if sprays/mists are generated.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-------------------------|---|-------------------|
| Appearance | Colorless, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Odorless | Vapor pressure (water=17.3mmg) | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH at 1% | 13 - 14 | Relative density (water = 1.0) | 1.185 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Slightly viscous |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air. Slowly attacks glass at room temperature. Corrosive to metals.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Will not occur, but can induce hazardous polymerization of acetaldehyde, acrolein and acrylonitrile.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong acids, halogenated compounds, prolonged contact with metals or alloys.

Hazardous combustion products: Sodium oxide fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD50 Rat): 284 mg/kg
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Corrosive to skin. Symptoms may include burns, ulceration and scarring. Prolonged/repeated skin exposures can result in dermatitis.

Serious eye damage/irritation: Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding.

Respiratory or skin sensitization: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).

Germ cell mutagenicity: Not available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: Not listed

Reproductive toxicity: Not available

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: May be harmful if swallowed and enters airways.

Ingestion: Corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

Likely routes of exposure: Eyes, skin and inhalation - if mists or sprays are generated

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm
96h EC-50 (invertebrates): >100ppm
48h LC-50 (algae): >10ppm

Persistence and degradability: Degrades readily by reacting with natural carbon dioxide in the air.

Bioaccumulative potential: This material is not expected to bioaccumulate significantly.

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases. Harmful to aquatic life – avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

UN/ID No.: UN1760
Proper Shipping Name: Corrosive Liquids, n.o.s., (Sodium hydroxide)
Hazard Class: 8
Packing Group: II
49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 0.3 gallons. (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN1760
Proper Shipping Name: Corrosive Liquids, n.o.s., (Sodium hydroxide)
Hazard Class: 8
Packing Group: II
Marine Pollutant (IMDG Code): No
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: Sodium hydroxide (CAS# 1310-73-2) has a reportable quantity of 1,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: Sodium hydroxide CAS #1310-58-3 - Massachusetts, Minnesota, New Jersey, Pennsylvania, Rhode Island.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

Date Prepared: December 7, 2015 – SDS revised to meet GHS requirements.

Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 1 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| GHS | Globally Harmonized System |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

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SECTION 1. IDENTIFICATION

| | |
|--|--|
| Product Identifier: Performance Plus Bowl & Porcelain Cleaner Product Use: Ready to Use Mild Acid Cleaner Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 00046 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: January 13, 2016 |
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SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

| Hazard Class | Category | Code | Hazard Statement |
|--|----------|------|--|
| Flammable Liquid | 4 | H227 | Combustible |
| Corrosive to Metals | 1 | H290 | May be corrosive to metals |
| Aspiration Hazard | 2 | H305 | May be harmful if swallowed and enters airways |
| Skin Corrosion | 1B | H314 | Causes severe burns and eye damage |
| Eye Damage | 1 | H318 | Causes serious eye damage |
| STOT: SE, Respiratory Tract Irritation | 3 | H335 | May cause respiratory irritation |
| Hazardous to the Aquatic Environment, Acute Hazard | 2 | H401 | Toxic to aquatic life |

Precautionary Measures:

| Category | Code | Statement |
|------------|----------------|--|
| Prevention | P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep only in original container. Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| | P234 | |
| | P260 | |
| | P264 | |
| | P271 | |
| | P273 | |
| | P280 | |
| Response | P301 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. In case of fire: Use Foam, dry chemical, carbon dioxide fire extinguishers, water spray for extinction. Absorb spillage to prevent material damage. |
| | P330 | |
| | P331 | |
| | P303+P361+P353 | |
| | P363 | |
| | P304+P340 | |
| | P310 | |
| | P321 | |
| | P305+P351+P338 | |
| | P310 | |
| P370+P378 | | |
| P390 | | |
| Storage | P403+P233+P235 | Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store in a closed container. Store locked up. |
| | P404 | |
| | P405 | |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Repeated or prolonged contact causes skin defatting (dermatitis). Inhalation of mists/vapors/sprays is corrosive to the respiratory tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|-------------------|---------------|-----------|-----------------------|
| Hydrochloric acid | Muriatic acid | 7647-01-0 | 1 – 5 |
| Isopropanol | IPA | 67-63-0 | 0.5 – 2 |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin: Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. Wash contaminated clothing before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: Call a physician immediately! DO NOT INDUCE VOMITING. Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIA Combustible liquid

Flash Point: >140°F (>60°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.

Hazardous combustion products: Oxides of carbon and hydrogen chloride gas.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is a Class IIIA combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Do not breathe fumes/mists/ vapors/sprays. Eliminate all ignition sources. Ventilate area. Wash thoroughly after handling.

For Small Spills: Avoid release to the environment. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize with weak basic material (soda ash), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use only outdoors or in a well-ventilated area. Do not breathe fumes/mists/ vapors/sprays. Keep away from heat/sparks/open flames/hot surfaces. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not premix with other chemicals. Avoid release to the environment. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight – keep cool. Keep from freezing. Keep container tightly closed when not in use. Store in a well-ventilated place. Store locked up. Protect from physical damage. Store away from strong bases and metals.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|-------------------|-----------|----------|-----------|-----------------|
| Hydrochloric acid | 7647-01-0 | 5ppm | 2ppm | Not established |
| Isopropyl Alcohol | 67-63-0 | 200ppm | 200ppm | 400ppm |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles and face shield when handling large amounts.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing and apron.

Respirator: Use NIOSH approved protection with acid vapor cartridge if PEL is exceeded.

Other: Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-----------------------------|---|-------------------|
| Appearance | Green, clear viscous liquid | Upper/Lower flammability limits | Not determined |
| Odor | Mint | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 1 | Specific gravity (water = 1.0) | 1.012 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | >140°F (>60°C) | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity, #2 Zahn | 25 seconds |

| | | | |
|--------------|------------------------|------------------|----|
| Flammability | Class IIIA combustible | %Volatile/Volume | 94 |
|--------------|------------------------|------------------|----|

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May be corrosive to metals

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong bases and powdered metals.

Hazardous combustion products: Oxides of carbon and hydrogen chloride.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): Not determined

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Corrosive to skin. Symptoms may include burns, ulceration and scarring. Prolonged/repeated skin exposures can result in dermatitis.

Serious eye damage/irritation: Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding.

Respiratory or skin sensitization: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: Isopropyl alcohol (IARC)

Reproductive toxicity: Not available

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

Ingestion: Corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

Likely routes of exposure: Eyes, skin and inhalation.

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): Not determined

96h EC-50 (invertebrates): Not determined

48h LC-50 (algae): Not determined

Persistence and degradability: Not determined

Bioaccumulation: Not determined

Mobility in soil: Mobile in soil. This product is soluble in water and may spread in water systems.

Other adverse effects: Toxic to aquatic life – avoid release to the environment. This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

UN/ID No.: UN3264

Proper Shipping Name: Corrosive Liquids, Acidic, Inorganic, n.o.s., (Hydrochloric acid)

Hazard Class: 8

Packing Group: II

49 CFR §173.154 (b) (1) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 0.3 gallons (5.0 Liter). (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN3264

Proper Shipping Name: Corrosive Liquids, Acidic, Inorganic, n.o.s., (Hydrochloric acid)

Hazard Class: 8

Packing Group: II

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|-----|
| Immediate (Acute) Health | Yes | Fire Hazard | Yes |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material contains the following chemical components with known CAS numbers subject to reporting requirements (40 CFR 372): Hydrochloric Acid CAS# 7647-01-0, percent by weight = 24%.

CERCLA: Hydrochloric acid (CAS# 7647-01-0) has a reportable quantity of 5,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: – Hydrochloric Acid CAS# 7647-01-0 - Massachusetts, New Jersey & Pennsylvania. Isopropyl Alcohol CAS# 67-63-0 - Massachusetts, New Jersey and Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

Date Prepared: January 12, 2016 – Updated to meet GHS requirements.

Hazard Ratings (HMIS): Health 3, Flammability 2, Reactivity 1 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Product VOC: 1%

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

"FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| GHS | Globally Harmonized System |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|--|--|
| Product Identifier: Performance Plus Bowl Cleaner Product Use: Acid Toilet Bowl Cleaner Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 00027 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: December 1, 2014 Revision Date: June 11, 2015 |
|--|--|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:



Signal Word: DANGER

| Hazard Class | Category | Code | Hazard Statement |
|---------------------------|----------|------|--|
| Skin Corrosion/Irritation | 1B | H314 | Causes severe skin burns and eye damage |
| Serious Eye Damage | 1 | H318 | Causes serious eye damage |
| Aspiration Hazard | 2 | H305 | May be harmful if swallowed and enters airways |
| Corrosive to metals | 1 | H290 | May be corrosive to metals |

| Precautionary | Code | Statement |
|---------------|--|---|
| General | P101 P102 P103 | If medical advice is needed, have product label at hand Keep out of reach of children Read label before use |
| Prevention | P234 P260 P264 P280 | Keep only in original container. Do not breathe fumes/mists/vapors/sprays. Wash thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection |
| Response | P301+P330+P331+P310 P303+P361+P353 P363 P304+P340 P310 P321 P305+P351+P338 P310 P390 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. |
| Storage | P403+P235 P404 P405 | Store in a well ventilated place. Keep Cool. Store in a closed container. Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Potential health effects - Inhalation of vapors or mists may cause damage to mucous membranes in nose, throat, lungs and bronchial system. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|-------------------|----------------------|-----------|-----------------------|
| Hydrochloric acid | Muriatic acid | 7647-01-0 | 4 – 8 |
| Phosphoric acid | Orthophosphoric acid | 7664-38-2 | 2 – 6 |

SECTION 4. FIRST AID MEASURES

- **Eyes:** Immediately flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses. Seek medical attention immediately.
- **Skin:** Wash with soap and water for 15 minutes. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
- **Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.
- **Ingestion:** DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

- **Extinguishing Media:** Use media appropriate for surrounding fire. Do not spray water directly on fire. Use water spray to cool containers.
- **Specific hazards arising from chemical:** Fire may produce irritating, corrosive and/or toxic gases. This product is corrosive and presents a significant contact hazard to firefighters.
- **Hazardous combustion products:** Hydrogen chloride, chlorine, oxides of carbon and phosphorus. May decompose upon heating to produce corrosive and/or toxic fumes.
- **Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- **Sensitivity to static discharge:** This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Do not breathe fumes/vapors.

- **For Small Spills:** Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize spill with mild alkali, such as soda ash or lime (calcium oxide). Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- **For Large Spills:** Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- **Handling:** Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not breathe fumes/mists/vapors/sprays. Empty containers may contain residue and can be dangerous. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
- **Storage:** Keep away from heat, flame, or sunlight. Keep cool. Keep from freezing. Keep only in original container. Keep container closed when not in use. Protect from physical damage. Store in a well-ventilated place. Do not store in metal containers. Store locked up. Store away from bases, metals, oxidizing agents, acids, amines, reducing agents, carbides, cyanides, sulfides, sodium hypochlorite and sodium bisulfite.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|-------------------|-----------|----------|-----------|---------|
| Hydrochloric acid | 7647-01-0 | 5ppm | 2ppm | NE |
| Phosphoric acid | 7664-38-2 | 1 mg/m3 | 1 mg/m3 | 3 mg/m3 |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

- **Eye:** Safety glasses with side shields or splash proof goggles and face shield.
- **Skin:** Chemical resistant gloves. Normal materials handling clothing and apron.
- **Respirator:** Use NIOSH approved protection if PEL is exceeded or if vapors are causing irritation.
- **Other:** Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------------------|---|-------------------|
| Appearance | Pink, opaque liquid | Upper/Lower flammability limits | Not determined |
| Odor | Acrid | Vapor pressure (water=17.3mmg) | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | <1 | Relative density (water = 1.0) | 1.060 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Water thin |
| Flammability | Not flammable | %Volatile/Volume | 88 |

SECTION 10. STABILITY AND REACTIVITY

- **Reactivity:** Reacts violently with strong alkaline substances. This product may react with reducing agents and oxidizing agents. Do not store in metal containers.
- **Chemical stability:** Stable under normal, ambient temperature and conditions.

- Possibility of hazardous reactions: Hazardous polymerization will not occur.
- Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- Incompatibility with other substances: Avoid bases, metals, oxidizing agents, acids, amines, reducing agents, carbides, cyanides, sulfides, sodium hypochlorite and sodium bisulfite.
- Hazardous combustion products: Hydrogen chloride, chlorine, and oxides of carbon and phosphorous. May decompose upon heating to produce corrosive and/or toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Eye Contact: Corrosive. Causes severe eye burns. Spray may cause eye damage, impaired sight or blindness.
- Skin Contact: Corrosive. Causes severe skin burns.
- Inhalation: Corrosive. Inhalation of vapors or mists may cause damage to mucous membranes in nose, throat, lungs and bronchial system.
- Ingestion: Corrosive. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.
- Oral (LD50 Rat): 581 mg/kg
- Dermal (LD50 Rabbit): Not determined
- Inhalation (LC50 Rat): 9188mg/kg vapors/mists
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (fish): >100ppm
- 96h EC-50 (invertebrates): Not determined
- 48h LC-50 (algae): Not determined
- Persistence and degradability: Expected to be readily biodegradable.
- Bioaccumulation: No data available
- Mobility: This product is soluble in water and may spread in water systems.
- Ecotoxicity: The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- UN/ID No.: UN3264
- Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, n.o.s., (Hydrochloric Acid, Phosphoric Acid)
- Hazard Class: 8
- Packing Group: II
- 49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 0.3 gallons. (Non Hazardous)

IATA and IMDG:

- UN/ID No.: UN3264
- Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, n.o.s., (Hydrochloric Acid, Phosphoric Acid)
- Hazard Class: 8
- Packing Group: II
- Marine Pollutant (IMDG Code): No
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product has a reportable quantity of 83,333 lbs. (Hydrochloric acid), but is not considered a Hazardous Substance since the quantity of Hydrochloric acid does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: Hydrochloric Acid CAS# 7647-01-0 – Massachusetts, New Jersey & Pennsylvania. Phosphoric Acid CAS# 7664-38-2 – Alaska, California, Florida, Illinois, Kansas, Massachusetts, Minnesota, Missouri, New Jersey, North Dakota, Pennsylvania, Rhode Island, Texas, West Virginia and Wisconsin.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22)

SECTION 16.

OTHER INFORMATION

- Date Prepared: June 11, 2015
- Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 1. Personal Protection Rating to be supplied by user based on use conditions.
- Product VOC: 0%
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|--|---|
| Product Identifier: Performance Plus Degreaser Product Use: Alkaline Degreaser & Cleaner Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patria Drive Menomonee Falls, WI 53051 | Product Identification # (PIF): 03096 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: December 18, 2015 |
|--|---|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:



Signal Word: WARNING

| Hazard Statement | Category | Code | Hazard Class |
|-----------------------------------|----------|------|--|
| Causes skin irritation | 2 | H315 | Skin Irritation |
| Causes serious eye irritation | 2A | H319 | Eye Irritation |
| May cause respiratory irritation | 3 | H335 | STOT: SE, Respiratory Tract Irritation |
| May cause drowsiness or dizziness | 3 | H336 | Narcotic Effects |

Precautionary Measures:

| Category | Code | Statement |
|------------|--|---|
| Prevention | P261 P264 P271 P280 | Avoid breathing fumes/mists/ vapors/sprays. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | P302+P352 P321 P332+P313 P362 P304+P340 P312 P305+P351+P338 P337+P313 | IF ON SKIN: Wash with soap and water. Specific treatments: See Section 4 First Aid Measures. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. If eye irritation persists: Get medical advice/attention. |
| Storage | P403+P233 P405 | Store in a well ventilated place. Keep container tightly closed. Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Repeated skin exposure can cause drying and flaking of the skin (dermatitis). Ingestion may cause headache, dizziness and gastrointestinal distress and rapid damage to red blood cells and subsequent anemia.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Names | CAS # | Concentration Range % |
|-------------------------|---------------------------------|-----------|-----------------------|
| 2-butoxyethanol | Ethylene glycol monobutyl ether | 111-76-2 | 2 – 6 |
| Disodium trioxosilicate | Silicic Acid, disodium salt | 6834-92-0 | 1 – 3 |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a

trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. If victim is completely conscious and aware, have him rinse out mouth, then drink 8 oz. water to dilute. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIB Combustible liquid

Flash Point: Flash Point: 200°F (93°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: None known.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is combustible a Class IIIB Combustible liquid.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Avoid breathing fumes/mists/ vapors/sprays. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Vapor-suppressing foam may be used to reduce vapors. Neutralize spill with mild acid, such as citric acid. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste with non-sparking tools. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use only outdoors or in a well-ventilated area. Avoid breathing fumes/mists/ vapors/sprays. Do not handle around sources of ignition. Use proper bonding and grounding during product transfer as described in document NFPA 77. Use explosion-proof equipment and non-sparking tools. Take precautionary measures against static discharge. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from oxidizers, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|-------------------------|-----------|----------|-----------|------|
| 2-Butoxyethanol | 111-76-2 | 50ppm | 20ppm | NE |
| Disodium trioxosilicate | 6834-92-0 | NE | NE | NE |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant gloves (Impervious). Normal materials handling clothing.

Respirator: Use NIOSH approved protection if PEL is exceeded or if vapors are causing irritation.

Other: Use only in a well ventilated area. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|------------------------|---|-------------------|
| Appearance | Purple, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Butyl | Vapor pressure | >0.1mmHg @ 20°C |
| Odor threshold | Not determined | Vapor density (Air = 1) | Not determined |
| pH | 12.5 – 13.5 | Specific gravity (water = 1.0) | 1.020 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | 200°F (93°C) | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Water thin |
| Flammability | Class IIIB combustible | Product VOC | 4% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid oxidizers, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): >5000mg/kg

Dermal (LD50 Rabbit): >5000mg/kg
Inhalation (LC50 Rat): >5000ppm (4hrs)

Skin corrosion/irritation: Skin irritant. Symptoms may include reddening and itching. Repeated exposure to skin can cause drying and flaking of the skin (dermatitis).

Serious eye damage/irritation: Serious eye irritant. Symptoms may include a burning sensation, tearing, swelling and redness.

Respiratory or skin sensitization: Inhalation of vapors and/or mists may cause irritation to the respiratory system, and central nervous system depression. Symptoms may include coughing, headache, dizziness, nausea, euphoria, drowsiness and fatigue.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: May cause respiratory tract irritation. May cause drowsiness and dizziness.

STOT-repeated exposure: Not classified.

Aspiration hazard: Not classified

Ingestion: May cause headache, dizziness and gastrointestinal distress. Causes rapid damage to red blood cells and subsequent anemia. Extreme overexposure may cause liver and kidney damage.

Likely routes of exposure: Eyes, skin and inhalation

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm

48h LC-50 (invertebrates): >100ppm

192h EC0 (algae): >10ppm

Biodegradability: No data available

Bioaccumulation: No data available

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems. This product is partially volatile and may spread in the atmosphere.

Other adverse effects: This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States D.O.T.:

Not regulated

IATA and IMDG:

Not regulated

Marine Pollutant (IMDG Code): No

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | Yes | Reactive Hazard | No |

SARA Title 313: This material contains the following chemical components with known CAS numbers subject to reporting requirements (40 CFR 372): Ethylene Glycol Monobutyl Ether CAS# 111-76-2, % by wt. = 4%.

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: Ethylene Glycol Monobutyl Ether CAS# 111-76-2 – California, Massachusetts, Minnesota, New Jersey & Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date prepared: December 18, 2015

HMIS Ratings: Health 1, Fire 1, Reactivity 0 (scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |

| | |
|--------|---|
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|---|--|
| Product Identifier: Performance Plus Delimer Product Use: Liquid Lime Scale Remover Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patrirta Drive Menomonee Falls, WI 53051 | Product Identification # (PIF): 01031 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: January 28, 2016 |
|---|--|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

| Hazard Statement | Category | Code | Hazard Class |
|--|----------|------|---|
| May be corrosive to metals | 1 | H290 | Corrosive to Metals |
| May be harmful if swallowed and enters airways | 2 | H305 | Aspiration Hazard |
| Causes severe burns and eye damage | 1B | H314 | Skin Corrosion |
| Causes serious eye damage | 1 | H318 | Eye Damage |
| May cause respiratory irritation | 3 | H335 | STOT: SE, Respiratory Tract Irritation |
| Toxic to aquatic life | 2 | H401 | Hazardous to the Aquatic Environment, Acute |

Precautionary Measures:

| Category | Code | Statement |
|------------|----------------|---|
| Prevention | P234 | Keep only in original container. Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| | P260 | |
| | P264 | |
| | P271 | |
| | P273 | |
| | P280 | |
| Response | P301 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. |
| | P330 | |
| | P331 | |
| | P303+P361+P353 | |
| | 3 | |
| | P363 | |
| | P304+P340 | |
| | P310 | |
| | P321 | |
| | P305+P351+P338 | |
| 8 | | |
| Storage | P310 | Store in a well-ventilated place. Keep container tightly closed. Store in a closed container. Store locked up. |
| | P390 | |
| | P403+P233 | |
| Disposal | P404 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |
| | P405 | |
| | P501 | |

Description of any hazards not otherwise classified: Repeated or prolonged contact causes skin defatting (dermatitis). Inhalation of mists/vapors/sprays is corrosive to the respiratory tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|-----------------|-------------|-----------|-----------------------|
| Phosphoric acid | None known | 7664-38-2 | 9 – 13 |

| | | | |
|--------------------|---------------|---------|-------|
| Hydroxyacetic acid | Glycolic acid | 79-14-1 | 1 – 5 |
|--------------------|---------------|---------|-------|

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin: Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. Wash contaminated clothing before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: Call a physician immediately! DO NOT INDUCE VOMITING. Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Use media appropriate for surrounding fire. Use water spray to keep fire-exposed containers cool.

Specific hazards arising from chemical: Containers can build up pressure if exposed to heat and/or fire.

Hazardous combustion products: Oxides of carbon and phosphorus.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Do not breathe fumes/mists/ vapors/sprays. Eliminate all ignition sources. Ventilate area. Wash thoroughly after handling.

For Small Spills: Avoid release to the environment. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize with weak basic material (soda ash), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use only outdoors or in a well-ventilated area. Do not breathe fumes/mists/ vapors/sprays. Do not premix with other chemicals. Avoid release to the environment. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from strong bases, oxidizing agents and powdered metals.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|--------------------|-----------|-----------------|-----------------|-----------------|
| Phosphoric acid | 7664-38-2 | 1mg/m3 | 1mg/m3 | Not established |
| Hydroxyacetic acid | 79-14-1 | Not established | Not established | Not established |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles and face shield.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing and apron.

Respirator: Use NIOSH approved protection with acid vapor cartridge if PEL is exceeded or if sprays/mists are generated.

Other: Use in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-------------------------|---|-------------------|
| Appearance | Colorless, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | None | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 0 - 2 | Specific gravity (water = 1.0) | 1.175 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Not determined |
| Flammability | Not flammable | VOC by weight | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong bases, oxidizing agents and powdered metals.

Hazardous combustion products: Oxides of carbon and phosphorus.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): Not determined
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Corrosive to skin. Symptoms may include burns, ulceration and scarring. Prolonged/repeated skin exposures can result in dermatitis.

Serious eye damage/irritation: Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding.

Respiratory or skin sensitization: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: May cause respiratory irritation.

STOT-repeated exposure: Not classified

Aspiration hazard: Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

Ingestion: Corrosive to the mouth, throat and gastrointestinal tract. Aspiration into the lungs may result in damage or death. Corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death. Fatality or kidney damage may occur from gross overexposure.

Likely routes of exposure: Eyes, skin

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): Not determined
96h EC-50 (invertebrates): Not determined
48h LC-50 (algae): Not determined

Persistence and degradability: Not determined

Bioaccumulation: Not determined

Mobility in soil: Mobile in soil. This product is soluble in water and may spread in water systems.

Other adverse effects: Toxic to aquatic life – avoid release to the environment. This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

UN/ID No.: UN1760
Proper Shipping Name: Corrosive Liquids, n.o.s., (Phosphoric acid, Hydroxyacetic acid)
Hazard Class: 8
Packing Group: III
49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 1.3 gallons (5.0 Liter). (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN1760
Proper Shipping Name: Corrosive Liquids, n.o.s., (Phosphoric acid, Hydroxyacetic acid)
Hazard Class: 8
Packing Group: III
Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: Phosphoric acid CAS# 7664-38-2 has a reportable quantity of 5,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: – Phosphoric Acid CAS# - Massachusetts, Minnesota, Rhode Island, New Jersey & Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

Date Prepared: January 28, 2016

Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Product VOC: 0%

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

"FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Enzyme Digester
Product Use: Bio-Active Cleaner & Detergent
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336
Manufactured For: R.J. Schinner Co., Inc.
N89W14700 Patrita Drive
Menomonee Falls, WI 53051
Product Identification # (PIF): 01420
Emergency Telephone #: 1-800-255-3924 ChemTel
General Information #: 262-797-7180
Date Prepared: January 8, 2016

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification: This product is not classified as hazardous.
Description of any hazards not otherwise classified: May cause eye and skin irritation. Inhaling mists/sprays of product may cause irritation to the respiratory tract. Ingestion may cause gastrointestinal irritation.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|--|----------------|----------------|-----------------------|
| Live Bacterial Cultures – Non- hazardous | Not applicable | Not applicable | 1 – 3 |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation persists.
Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops and persists, seek medical attention.
Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
Ingestion: DO NOT INDUCE VOMITING. Call a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable
Flash Point: Not flammable
Extinguishing Media: Use media appropriate for surrounding fire.
Specific hazards arising from chemical: None known.
Hazardous combustion products: Carbon monoxide and carbon dioxide.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Ventilate area. Wash thoroughly after handling.
For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not premix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|---|----------------|----------------|----------------|----------------|
| Live Bacterial Cultures – Non-hazardous | Not applicable | Not applicable | Not applicable | Not applicable |

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: None required, but may use safety glasses with side shields or splash proof goggles as good safety practice.

Skin: Gloves not required, but may use as good safety practice. Normal materials handling clothing.

Respirator: None required, but may use NIOSH approved protection if mists/sprays are generated and causing irritation.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|----------------------|---|-------------------|
| Appearance | White, opaque liquid | Upper/Lower flammability limits | Not determined |
| Odor | Almond | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 5 – 8.5 | Specific gravity (water = 1.0) | 1.040 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Not determined |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: None known.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD50 Rat): Not determined

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

Skin corrosion irritation: May cause irritation.

Serious eye damage/irritation: May cause irritation.

Respiratory or skin sensitization: Inhalation of mists/sprays may cause irritation of respiratory tract.

Germ cell mutagenicity: Not available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: Immediate – may cause irritation to eyes and skin.

STOT-repeated exposure: None known.

Aspiration hazard: Not available

Ingestion: May irritate the gastrointestinal tract.

Likely routes of exposure: Eyes, skin and inhalation (if mists or sprays are generated)

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): No data available.

96h EC-50 (invertebrates): No data available.

48h LC-50 (algae): No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Not regulated

IATA and IMDG:

Not regulated

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable

SECTION 16. OTHER INFORMATION

Date Prepared: January 8, 2016

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

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Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

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SAFETY DATA SHEET

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SECTION 1. IDENTIFICATION

| | |
|--|---|
| Product Identifier: Performance Plus Floor Stripper Product Use: Non-Ammoniated Wax Stripper Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured for: R.J. Schinner Co., Inc. N89W14700 Patritra Drive Menomonee Falls, WI 53051 | Product Identification # (PIF): 01176 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: December 11, 2014 Date Revised: April 19, 2016 |
|--|---|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: **WARNING**

| Hazard Statement | Category | Code | Hazard Class |
|------------------------------------|----------|------|--|
| Harmful if swallowed | 4 | H302 | Acute Oral Toxicity |
| Causes severe burns and eye damage | 1C | H314 | Skin Corrosion/Eye Damage |
| May cause respiratory irritation | 3 | H335 | STOT: SE, Respiratory Tract Irritation |
| May cause drowsiness or dizziness | 3 | H336 | Narcotic Effects |

Precautionary Measures:

| Category | Code | Statement |
|------------|---|---|
| Prevention | P260 P264 P270 P271 P280 | Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Do not eat, drink or smoke or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | P301+P330+P331 1 P312 P303+P361+P353 3 P363 P304+P340 P310 P321 P304+P340 P312 P305+P351+P338 8 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| Storage | P403+P233 P405 | Store in a well ventilated place. Keep container tightly closed. Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Repeated skin exposure can cause drying and flaking of the skin (dermatitis). Ingestion may cause headache, dizziness and gastrointestinal distress and rapid damage to red blood cells and subsequent anemia.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Names | CAS # | Concentration Range % |
|-------------------------|---------------------------------|-----------|-----------------------|
| 2-butoxyethanol | Ethylene glycol monobutyl ether | 111-76-2 | 5 – 9 |
| Monoethanolamine | MEA | 141-43-5 | 1 – 5 |
| Disodium trioxosilicate | Silicic Acid, disodium salt | 6834-92-0 | 0.5 – 4.5 |

SECTION 4. FIRST AID MEASURES

Eyes: Immediately flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.

Skin or Hair: Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. Wash contaminated clothing before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. If victim is completely conscious and aware, have him rinse out mouth, then drink 8 oz. water to dilute. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIB Combustible liquid

Flash Point: Flash Point: 200°F (93°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: None known.

Hazardous combustion products: Oxides of carbon and nitrogen.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is combustible a Class IIIB Combustible liquid.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Do not breathe fumes/mists/ vapors/sprays. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Vapor-suppressing foam may be used to reduce vapors. Neutralize spill with mild acid, such as citric acid. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste with non-sparking tools. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use only outdoors or in a well-ventilated area. Do not breathe fumes/mists/ vapors/sprays. Do not handle around sources of ignition. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not pre-mix with other chemicals. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from strong oxidizing agents, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Ingredient</u> | <u>CAS #</u> | <u>OSHA/PEL</u> | <u>ACGIH/TLV</u> | <u>STEL</u> |
|-------------------------|--------------|-----------------|------------------|-------------|
| 2-Butoxyethanol | 111-76-2 | 50ppm | 20ppm | NE |
| Monoethanolamine | 141-43-5 | 3 ppm | 3 ppm | 6 ppm |
| Disodium trioxosilicate | 6834-92-0 | NE | NE | NE |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles. Use face shield if handling large amounts.

Skin: Chemical resistant gloves (Impervious). Normal materials handling clothing and apron. Boots.

Respirator: Use NIOSH approved protection if PEL is exceeded or if sprays or mists are generated.

Other: Use only in a well ventilated area. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-------------------------|---|-------------------|
| Appearance | Colorless, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Butyl | Vapor pressure | >0.1mmHg @ 20°C |
| Odor threshold | Not determined | Vapor density (Air = 1) | Not determined |
| pH | 12. – 14 | Specific gravity (water = 1.0) | 1.040 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | 200°F (93°C) | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Water thin |
| Flammability | Class IIIB combustible | Product VOC | 9.5% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions. Contact with acids will cause gelling and evolution of heat.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong oxidizing agents, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

Hazardous combustion products: Oxides of carbon and nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): >2000mg/kg
Dermal (LD50 Rabbit): >2000mg/kg
Inhalation (LC50 Rat): >5000ppm (4hrs)

Skin corrosion/irritation: Corrosive to skin. Symptoms may include burns, blisters, ulceration and scarring. Prolonged contact causes serious tissue damage.

Serious eye damage/irritation: Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding. Symptoms may persist for several days. Risk of serious damage to eyes if left untreated.

Respiratory or skin sensitization: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest). Inhalation of vapors may cause irritation to the respiratory system, and central nervous system depression. Symptoms may include coughing, headache, dizziness, nausea, euphoria, drowsiness and fatigue.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: May cause respiratory tract irritation. May cause drowsiness and dizziness.

STOT-repeated exposure: Not classified.

Aspiration hazard: Not classified

Ingestion: Harmful if swallowed – corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea. May cause headache, dizziness and gastrointestinal distress. Causes rapid damage to red blood cells and subsequent anemia. Extreme overexposure may cause liver and kidney damage. Aspiration into the lungs during vomiting may cause lung damage.

Likely routes of exposure: Eyes, skin and inhalation

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm
48h LC-50 (invertebrates): >100ppm
192h EC0 (algae): >10ppm

Biodegradability: No data available

Bioaccumulation: No data available

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems. This product is partially volatile and may spread in the atmosphere.

Other adverse effects: This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States D.O.T.:

UN/ID No.: UN1760
Proper Shipping Name: Corrosive Liquids, n.o.s., (Ethanolamine)
Hazard Class: 8
Packing Group: III
49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 1.3 gallons. (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN1760
Proper Shipping Name: Corrosive Liquids, n.o.s., (Ethanolamine)
Hazard Class: 8
Packing Group: III
Marine Pollutant (IMDG Code): No
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | Yes | Reactive Hazard | No |

SARA Title 313: This material contains the following chemical components with known CAS numbers subject to reporting requirements (40 CFR 372): Ethylene Glycol Monobutyl Ether CAS# 111-76-2, % by wt. = 7%. Monoethanolamine 141-43-5 percent by wt. = 3%.

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: Ethylene Glycol Monobutyl Ether CAS# 111-76-2 – California, Massachusetts, Minnesota, New Jersey & Pennsylvania. Monoethanolamine CAS# 141-43-5 – New Jersey, Massachusetts, Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

Date prepared: April 19, 2016 – SDS updated to meet revision #5 GHS requirements.

HMIS Ratings: Health 3, Fire 1, Reactivity 0 (scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| GHS | Globally Harmonized System |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Glass Cleaner RTU Product Identification # (PIF): 00188
Product Use: Non-ammoniated Glass Cleaner Emergency Telephone #: 1-800-255-3924 ChemTel
Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336
Manufactured for: R.J. Schinner Co., Inc. N89W14700 Patrita Drive Menomonee Falls, WI 53051
General Information #: 262-797-7180
Date Prepared: October 20, 2015

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:

This product is not considered hazardous.

Description of any hazards not otherwise classified: May cause mild irritation to eyes and skin. Inhaling sprays/mists of this product may cause irritation to the respiratory tract. Ingestion may cause nausea, vomiting, headache and gastrointestinal irritation.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|--|----------------|----------------|-----------------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Use media appropriate for surrounding fire.

Specific hazards arising from chemical: Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire.

Hazardous combustion products: Oxides of carbon and nitrogen.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Spills may present a slip hazard.

For Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|------------|-------|----------|-----------|------|
| | | | | |

| | | | | |
|--|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable | Not applicable |
|--|----------------|----------------|----------------|----------------|

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing.

Respirator: Use NIOSH approved protection if mists/sprays are generated and are causing irritation.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|--------------------|---|-------------------|
| Appearance | Blue, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | None | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 10 -12 | Specific gravity (water = 1.0) | 0.990 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Not determined |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong oxidizing agents.

Hazardous combustion products: Oxides of carbon and nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

Oral (LD50 Rat): >5000 mg/kg

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

NTP/IARC/OSHA Carcinogen: No

Eye Contact: May cause mild eye irritation.

Skin Contact: May cause mild skin irritation.

Inhalation: Inhalation of mists/sprays of product may cause irritation of respiratory tract.

Ingestion: Ingestion may cause nausea, vomiting, headache and gastrointestinal irritation.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

96h LC-50 (fish): Not determined

96h EC-50 (invertebrates): >80 mg/L

48h LC-50 (algae): Not determined

Persistence and degradability: Expected to be readily biodegradable

Bioaccumulation: No data available.

Mobility: This product is soluble in water and may spread in water systems. Soil mobility not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Not regulated

IATA and IMDG:

Not regulated

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable

SECTION 16. OTHER INFORMATION

Date Prepared: October 20, 2015

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0. Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

"FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.



Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

| | |
|---|---|
| IDENTITY (<i>As Used on Label and List</i>) Performance Plus Laundry Detergent | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |
|---|---|

Section I

| | |
|---|--|
| Manufacturer's Name CLEAN SWEEP PRODUCTS | Emergency Telephone Number 973 333 6100 |
| Address (<i>Number, Street, City, State, and ZIP Code</i>) 62 Kearney Street | Telephone Number for Information 973 333 6100 |
| Paterson, New Jersey 07522 | Date Prepared November 2009 |
| | Signature of Preparer (<i>optional</i>) |

Section II - Hazard Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | %(<i>optional</i>) |
|--|-----------------|----------------|-----------------------------|-------------------------|
| SODIUM CARBONATE | CAS # 497 19 8 | | | |
| SODIUM CHLORIDE | CAS # 7646 14 5 | | | |
| SODIUM METASILICATE | CAS # 6834 92 0 | | | |
| FORMULA 777 | N/A | | | |
| BORAX | 1303 96 4 | ACGIH TLV/TWA | 1mg/m3 | |
| H.S.I.S. RATING: | HEALTH 1 | FLAMMIBILITY 0 | Negligible | REACTIVITY 0 Negligible |

Section III - Physical/Chemical Characteristics

| | | | |
|-------------------------|----------------------------|---|------------|
| Boiling Point | N/A F N/AC | Specific Gravity (H ₂ O = 1) | N/A |
| Vapor Pressure (mm Hg.) | N/A | Melting Point | N/A F N/AC |
| Vapor Density (AIR = 1) | N/A | Evaporation Rate (Butyl Acetate = 1) | N/A |
| Solubility in Water | 100% | | |
| Appearance and Odor | WHITE POWDER, FREE FLOWING | | |

Section IV - Fire and Explosion Hazard Data

| | | | | |
|------------------------------------|---|-----------------------|----------|----------|
| Flash Point (Method Used) | N/A F | Flammable Limits: N/A | LEL: N/A | UEL: N/A |
| Extinguishing Media | DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER | | | |
| Special Fire Fighting Procedures | PRODUCT IS NON-COMBUSTIBLE. FIREFIGHTERS SHOULD WEAR FULL EMERGENCY EQUIPMENT WITH SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING AS APPROPRIATE FOR SURROUNDING FIRE. | | | |
| Unusual Fire and Explosion Hazards | NONE ESTABLISHED | | | |

Section V - Reactivity Data

| | | | |
|---|----------------|------|---|
| Stability | Unstable | | Conditions to Avoid |
| | Stable | X | INHALATION |
| Incompatibility (<i>Materials to Avoid</i>) | | NONE | |
| Hazardous Decomposition or Byproducts | | NONE | |
| Hazardous Polymerization | May Occur | | Conditions to Avoid INGESTION MAY CAUSE NAUSEA, VOMITING |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

| | | | |
|---|---------------|--|-----------------|
| Route(s) of Entry: | Inhalation? X | Skin? X | Ingestion? X |
| Health Hazards (<i>Acute and Chronic</i>) | | I.A.R.C. LISTS NONE OF THE INGREDIENTS AS HAVING ANY CARCINOGENIC POTENTIAL NOR HAS OSHA | |
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| Signs and Symptoms of Exposure | | MILD IRRITATION | |
| Medical Conditions Generally Aggravated by Exposure | | NONE | |
| Emergency and First Aid Procedures | | DILUTE WITH WATER/GET MEDICAL ATTENTION/REMOVE TO FRESH AIR | |

Section VII - Precautions for Safe Handling and Use

| | |
|---|--|
| Steps to Be Taken in Case Material is Released or Spilled | SWEEP UP IN PUT IN APPROPRIATE CONTAINER |
| Waste Disposal Method | SUITABLE METHODS OF GOOD HOUSEKEEPING MEETING APPLICABLE LOCAL REGULATIONS DISPOSE AS NON-HAZARDOUS PRODUCT. PRODUCT WILL DISSOLVE IN WATER. KEEP OUT OF WATERWAYS. |
| Precautions to Be taken in Handling and Storing | STABLE |
| Other Precautions | KEEP IN DRY AREA. KEEP FROM FREEZING. NO ADDITIONAL PRECAUTIONS REQUIRED |

Section VIII - Control Measures

| | | | |
|--|-------------------------------|---|------------------------------|
| Respiratory Protection (<i>Specify Type</i>) | | NONE REQUIRED | |
| Ventilation | Local Exhaust | N/A | Special |
| | Mechanical (<i>General</i>) | N/A | Other: KEEP IN DRY COOL AREA |
| Protective Gloves | IF AVAILABLE | Eye Protection | NONE REQUIRED |
| Other Protective Clothing or Equipment | | SAFETY GLASSES OR GOGGLES IF CONTACT IS LIKELY. | |
| Work/Hygienic Practices | WASH HANDS AFTER USE | | |

DISCLAIMER OR EXPRESSED AND IMPLIED WARRANTIES

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Capital Soap Products believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier: Performance Plus Lavender Cleaner | Product Identification # (PIF): 01825 |
| Product Use: Multi-Purpose Cleaner | Emergency Telephone #: 1-800-255-3924 |
| Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 | |
| Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patrita Drive Menomonee Falls, WI 53051 | General Information #: 262-797-7180 Date Prepared: January 8, 2016 |

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:

This product is not classified as hazardous.

Description of any hazards not otherwise classified: May cause mild irritation to eyes and skin. Inhaling sprays/mists of this product may cause irritation to the respiratory tract. Ingestion may cause nausea, vomiting, headache and gastrointestinal irritation.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|--|----------------|----------------|-----------------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Use media appropriate for surrounding fire.

Specific hazards arising from chemical: Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire.

Hazardous combustion products: Oxides of carbon and nitrogen.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Spills may present a slip hazard.

For Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|------------|-------|----------|-----------|------|
| | | | | |

| | | | | |
|--|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable | Not applicable |
|--|----------------|----------------|----------------|----------------|

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing.

Respirator: Use NIOSH approved protection if mists/sprays are generated and are causing irritation.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------------------------|---|-------------------|
| Appearance | Dark purple, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Lavender | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 6.5 – 8.0 | Specific gravity (water = 1.0) | 1.000 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Not determined |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong oxidizing agents.

Hazardous combustion products: Oxides of carbon and nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): Not determined

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: May cause mild skin irritation with symptoms of skin reddening and itching. Prolonged contact may cause dermatitis (skin drying).

Serious eye damage/irritation: May cause mild eye irritation with symptoms of a burning sensation, tearing, swelling and redness.

Respiratory or skin sensitization: Inhalation of mists/vapors may cause irritation of respiratory tract. Symptoms may include coughing and difficulty breathing.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Ingestion: Ingesting large amounts may cause nausea, vomiting, headache and gastrointestinal irritation.

Likely routes of exposure: Eyes, skin

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): Not determined

96h EC-50 (invertebrates): Not determined

48h LC-50 (algae): Not determined

Persistence and degradability: Expected to be readily biodegradable

Bioaccumulative potential: No data available.

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Not regulated

IATA and IMDG:

Not regulated

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable

SECTION 16. OTHER INFORMATION

Date Prepared: January 8, 2015

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0. Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED, REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS, CODE OF FED. REGS, FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier: Performance Plus Liquid Laundry Detergent Product Use: Liquid Laundry Detergent Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 01258 Emergency Telephone #: 1-800-255-3924 ChemTel |
| Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patritra Drive Menomonee Falls, WI 53051 | General Information #: 262-797-7180 Date Prepared: October 1, 2014 Date Revised: January 28, 2016 |

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: WARNING

| Hazard Statement | Category | Code | Hazard Class |
|---|----------|------|-------------------------|
| Harmful if swallowed | 4 | H302 | Acute Toxicity, Oral |
| May be harmful if swallowed and enters airways | 2 | H305 | Aspiration Hazard |
| Causes skin irritation | 2 | H315 | Skin Irritation |
| Causes eye irritation | 2B | H320 | Eye Irritation |
| May cause damage to organs through prolonged or repeated exposure | 2 | H373 | STOT, Repeated Exposure |

Precautionary Measures:

| Category | Code | Statement |
|------------|---|---|
| Prevention | P260 P264 P270 P280 | Do not breathe fumes/mists/vapors/sprays. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | P301+P310 P330+P331 P302+P352 P321 P332+P313 P362 P305+P351+P33 8 P337+P313 P314 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do not induce vomiting. IF ON SKIN: Wash with soap and water. Specific treatment: See Section 4 First Aid Measures. If skin irritation occurs: Get medical attention/advice. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. If eye irritation persists: Get medical advice/attention. Get medical advice/attention if you feel unwell. |
| Storage | P405 | Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of hazards not otherwise classified: Repeated or prolonged skin contact may cause dermatitis (skin drying). Mists or high vapor concentrations may cause irritation to respiratory tract, and central nervous system depression – Symptoms may include headache, dizziness, nausea, euphoria, drowsiness and fatigue. If swallowed, may cause central nervous system depression, liver and kidney damage. Swallowing large amounts may be fatal. CAUTION: Contains material that caused birth defects in rats and mice. Avoid exposure during pregnancy.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|----------------------------|-----------------------------------|-------------|-----------------------|
| Surfactant blend | Proprietary | Proprietary | 4 – 8 |
| 1,2-Ethanediol | Ethylene glycol | 107-21-1 | 1 – 4 |
| 2-butoxyethanol | Ethylene glycol monobutyl ether | 111-76-2 | 1 – 4 |
| 2-(2-Butoxyethoxy) ethanol | Diethylene glycol monobutyl ether | 112-34-5 | 1 – 4 |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation persists.

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIB Combustible liquid

Flash Point: Above 200°F (93°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: None known.

Hazardous combustion products: Oxides of carbon and nitrogen, ketones and aldehydes.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is Class IIIB combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Do not breathe fumes/mists/vapors/sprays. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not breathe fumes/mists/vapors/sprays. Avoid exposure during pregnancy. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store locked up. Store away from strong oxidizing agents, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | TLV | STEL |
|----------------------------|-------------|-----------------|-----------------|-----------------|
| Surfactant blend | Proprietary | Not established | Not established | Not established |
| 1,2-Ethandiol | 107-21-1 | 50ppm | 100mg/m3 | Not established |
| 2-butoxyethanol | 111-76-2 | 50ppm | 20ppm | Not established |
| 2-(2-Butoxyethoxy) ethanol | 112-34-5 | 50ppm | 20ppm | Not established |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eyes: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant gloves. Normal materials handling clothing.

Respirator: Use NIOSH approved protection with organic vapor cartridge if PEL is exceeded or if vapors/mists/sprays are causing irritation.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|------------------------|---|-------------------|
| Appearance | Blue, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Waterlily/jasmine | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | Not determined |
| pH | 7.5 – 8.5 | Specific gravity (water = 1.0) | 1.010 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | 200°F (93°C) | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity (#2 Zahn) | Not determined |
| Flammability | Class IIIB Combustible | VOC by weight | 2.5% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatibility with other substances: Avoid strong oxidizing agents, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

Hazardous combustion products: Oxides of carbon and nitrogen, ketones and aldehydes.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): >5000mg/kg
Dermal (LD50 Rabbit): >2000mg/kg
Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Skin irritant. Symptoms may include skin reddening, swelling and itching. Prolonged contact may cause skin drying (dermatitis).

Serious eye damage/irritation: Eye irritant. Symptoms may include a burning sensation, tearing, swelling and redness.

Respiratory or skin sensitization: Mists or high vapor concentrations may cause irritation to respiratory tract, and central nervous system depression – Symptoms may include headache, dizziness, nausea, euphoria, drowsiness and fatigue.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: CAUTION: Contains material that caused birth defects in rats and mice. Avoid exposure during pregnancy.

STOT-single exposure: Not classified

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: May be harmful if swallowed and enters airways - can enter lungs and cause damage.

Ingestion: Harmful if swallowed - If swallowed, may cause central nervous system depression, liver and kidney damage. Swallowing large amounts may be fatal.

Likely routes of exposure: Eyes, skin

Interactive effects: CAUTION: Contains material that caused birth defects in rats and mice. Avoid exposure during pregnancy.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm
96h EC-50 (invertebrates): Not determined
48h LC-50 (algae): Not determined

Persistence and degradability: Not determined

Bioaccumulative potential: Low potential

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems. This product is partially volatile and may spread in the atmosphere.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Not Regulated

IATA and IMDG:

Not offered in bulk for export.

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: Ethylene Glycol CAS#107-21-1, % by weight = 2. Ethylene Glycol Monobutyl Ether CAS# 111-76-2, % by weight = 2.

CERCLA: Ethylene Glycol (CAS# 107-21-1) has a reportable quantity of 5,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: Ethylene Glycol CAS# 107-21-1 - New Jersey and Pennsylvania. Ethylene Glycol Monobutyl Ether CAS# 111-76-2 - California, Massachusetts, Minnesota, New Jersey & Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date prepared: January 28, 2016 – SDS updated to meet GHS revision requirements.

Hazard Ratings (HMIS): Health 2, Flammability 1, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.
"FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| GHS | Globally Harmonized System |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Neutral Floor Cleaner
Product Use: Neutral pH Floor Cleaner
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336
Manufactured For: R.J. Schinner Co., Inc.
N89W14700 Patrita Drive
Menomonee Falls, WI 53051
Product Identification # (PIF): 00057
Emergency Telephone #: 1-800-255-3924 ChemTel
General Information #: 262-797-7180
Date Prepared: June 25, 2015
Date Revised: April 18, 2016

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification: This product is not considered hazardous.
Description of any hazards not otherwise classified: May cause mild irritation to eyes. Ingestion may cause gastrointestinal irritation.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|--|----------------|----------------|-----------------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.
Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops and persists, seek medical attention.
Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable
Flash Point: Not flammable
Extinguishing Media: Use media appropriate for surrounding fire.
Specific hazards arising from chemical: Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire.
Hazardous combustion products: Oxides of carbon.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Spills may present a slip hazard.
For Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|------------|-------|----------|-----------|------|
|------------|-------|----------|-----------|------|

| | | | | |
|-----------------------------------|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients | Not applicable | Not applicable | Not applicable | Not applicable |
|-----------------------------------|----------------|----------------|----------------|----------------|

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses not needed, but can be used when cleaning up a spill.

Skin: Chemical resistant (impervious) gloves are not required.

Respirator: Not applicable.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-------------------|---|-------------------|
| Appearance | Red, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Floral | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 8 - 9 | Specific gravity (water = 1.0) | 1.005 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity, #2 Zahn | 30+ seconds |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong oxidizing agents.

Hazardous combustion products: Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): >5000 mg/kg

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: No irritation expected, but wash thoroughly after handling as good practice.

Serious eye damage/irritation: May cause mild eye irritation. Symptoms may include tearing and redness.

Respiratory or skin sensitization: Not classified

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Ingestion: Ingestion may cause gastrointestinal irritation.

Likely routes of exposure: Eyes, skin

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): Not determined

96h EC-50 (invertebrates): >80 mg/L

48h LC-50 (algae): >100 mg/L

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Not regulated

IATA and IMDG:

Not regulated

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable

SECTION 16. OTHER INFORMATION

Date Prepared: April 18, 2016 – SDS updated to meet revision #5 GHS requirements.

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0. Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Non-Butyl Degreaser
Product Use: All Purpose Cleaner & Degreaser
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336
Manufactured For: R.J. Schinner Co., Inc.
N89W14700 Patria Drive
Menomonee Falls, WI 53051

Product Identification # (PIF): 04094
Emergency Telephone #: 1-800-255-3924 ChemTel

General Information #: 262-797-7180
Date Prepared: October 26, 2015

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:



Signal Word: WARNING

| Hazard Statement | Category | Code | Hazard Class |
|-------------------------------|----------|------|-----------------|
| Causes skin irritation | 2 | H315 | Skin Irritation |
| Causes serious eye irritation | 2A | H319 | Eye Irritation |

Precautionary Measures:

| Category | Code | Statement |
|------------|---|--|
| Prevention | P264 P280 | Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection. |
| Response | P305+P351+P338 P337+P313 P302+P352 P321 P332+P313 P362 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with soap and water. Specific treatments: See section 4 First Aid Measures. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. |
| Storage | P404+P405 | Store in a closed container. Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Hazards not otherwise classified: Repeated skin exposure can cause drying and flaking of the skin (dermatitis). Inhaling mists/sprays of product may cause irritation to respiratory tract. Ingestion may result in irritation of entire gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Names | CAS # | Concentration Range % |
|-------------------------|-----------------------------|-----------|-----------------------|
| Disodium trioxosilicate | Silicic Acid, disodium salt | 6834-92-0 | 0.5 – 4.5 |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.

Skin: Wash well with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops and persists, seek medical attention.

Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. If victim is completely conscious and aware, have him rinse out mouth, then drink 8 oz. water to dilute. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Use media appropriate for surrounding fire. Use water spray to cool containers.

Specific hazards arising from chemical: None known.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Ventilate area. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize spill with mild acid, such as citric acid. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not premix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling. Empty containers may contain residue and can be dangerous.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from oxidizing agents, acids, aluminum, zinc, tin, copper and their alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|-------------------------|-----------|----------------|----------------|----------------|
| Disodium trioxosilicate | 6834-92-0 | Not determined | Not determined | Not determined |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing. Boots.

Respirator: Use NIOSH approved protection if mists or sprays are generated.

Other: Use in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------------------|---|-------------------|
| Appearance | Green, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Pleasant | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 12 – 13 | Specific gravity (water = 1.0) | 1.025 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Water thin |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Contact with acids will cause gelling and evolution of heat.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid oxidizing agents, acids, aluminum, zinc, tin, copper and their alloys.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): Not determined

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Skin irritant. Symptoms may include skin reddening, swelling and itching. Prolonged/repeated contact may cause skin drying (dermatitis).

Serious eye damage/irritation: Serious eye irritant. Symptoms may include a burning sensation, tearing, swelling and redness.

Respiratory or skin sensitization: Inhalation of mists/vapors may cause irritation of respiratory tract. Symptoms may include coughing, a burning sensation of nose and throat and difficulty breathing.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Ingestion: May irritate the mouth, throat and gastrointestinal tract.

Likely routes of exposure: Eyes, skin

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm
96h EC-50 (invertebrates): >100ppm
48h LC-50 (algae): >10ppm

Persistence and degradability: Not determined.

Bioaccumulative potential: Not determined.

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:
Not regulated

IATA and IMDG:
Not regulated
Marine Pollutant (IMDG Code): No
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code: Not listed.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

Immediate (Acute) Health = Yes
Delayed (Chronic) Health = No
Fire Hazard = No
Reactive Hazard = No

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date Prepared: October 26, 2015

Hazard Ratings (HMIS): Health 2, Flammability 0, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier: Performance Plus Oven & Grill Cleaner Product Use: Oven and Grill Cleaner Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patritra Drive Menomonee Falls, WI 53051 | Product Identification # (PIF): 01047 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: December 3, 2014 Date Revised: November 3, 2015 |
|---|---|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:



Signal Word: DANGER

| Hazard Statement | Category | Code | Hazard Class |
|--|----------|------|---|
| Causes severe burns and eye damage | 1B | H314 | Skin Corrosion |
| Causes serious eye damage | 1 | H318 | Serious Eye Damage |
| May be corrosive to metals | 1 | H290 | Corrosive to Metals |
| Harmful if swallowed | 4 | H302 | Acute Toxicity, Oral |
| May be harmful if swallowed and enters airways | 2 | H305 | Aspiration Hazard |
| Harmful to aquatic life | 3 | H402 | Hazardous to the Aquatic Environment, Acute |

Precautionary Measures:

| Category | Code | Statement |
|------------|----------------|--|
| Prevention | P234 | Keep only in original container. Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| | P260 | |
| | P264 | |
| | P270 | |
| | P273 | |
| | P280 | |
| Response | P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Specific treatment: See section 4 First Aid Measures IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. |
| | 1 | |
| | P310+P321 | |
| | P303+P361+P353 | |
| | 3 | |
| | P363 | |
| | P304+P340 | |
| | P310 | |
| P321 | | |
| Storage | P305+P351+P338 | Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. |
| | 8 | |
| Disposal | P310 | Store in a closed container. Store locked up. |
| | P390 | |
| Storage | P404 | Store in a closed container. Store locked up. |
| | P405 | |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Prolonged/repeated skin exposures can result in dermatitis. Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest). Corrosive to digestive tract. Ingestion may cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|------------------|--------------|-----------|-----------------------|
| Sodium hydroxide | Caustic soda | 1310-73-2 | 15 – 19 |

SECTION 4. FIRST AID MEASURES

Eyes: Immediately flush well with water for at least 15 minutes, while holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, repeat flushing. Seek medical attention immediately.

Skin: Wash with soap and water, then flush with water for 15 minutes. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Treat symptomatically. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Get medical attention immediately. Pulmonary edema symptoms can be delayed up to 48 hours after exposure.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth. If vomiting occurs spontaneously, have victim lean forward with head down, rinse mouth and administer more water. Immediately transport victim to an emergency facility.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Use media appropriate for surrounding fire.

Specific hazards arising from chemical: May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air.

Hazardous combustion products: Oxides of sodium and carbon.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Ventilate area. Do not breathe fumes/mists/ vapors/sprays. Avoid release into the environment. Absorb spillage to prevent material damage. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize with weak acidic material (citric acid), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not breathe fumes/mists/ vapors/sprays. Do not premix with other chemicals. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling. Avoid release into the environment.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Keep only in original container. Protect from physical damage. Store away from strong acids, halogenated compounds, prolonged contact with metals or alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|------------------|-----------|----------|-----------|-----------------|
| Sodium hydroxide | 1310-73-2 | 2mg/m3 | 2mg/m3 | Not established |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles and face shield.

Skin: Chemical resistant gloves – rubber, neoprene or nitrile. Normal materials handling clothing and apron.

Respirator: Use NIOSH approved protection if PEL if sprays/mists are generated.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------------------------|---|-------------------|
| Appearance | Light brown, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Mild | Vapor pressure (water=17.3mmg) | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH at 1% | 11.5 - 13 | Relative density (water = 1.0) | 1.175 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Slightly viscous |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air. Slowly attacks glass at room temperature. Corrosive to metals.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Will not occur, but can induce hazardous polymerization of acetaldehyde, acrolein and acrylonitrile.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong acids, halogenated compounds, prolonged contact with metals or alloys.
Hazardous combustion products: Oxides of sodium and carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD50 Rat): 284 mg/kg
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Corrosive to skin. Symptoms may include burns, ulceration and scarring. Prolonged/repeated skin exposures can result in dermatitis.

Serious eye damage/irritation: Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding.

Respiratory or skin sensitization: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).

Germ cell mutagenicity: Not available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: Not listed

Reproductive toxicity: Not available

STOT-single exposure: Immediate – corrosive to eyes and skin

STOT-repeated exposure: Prolonged skin contact - dermatitis

Aspiration hazard: Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.

Ingestion: Corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea.

Likely routes of exposure: Eyes, skin and inhalation (if mists or sprays are generated)

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm
96h EC-50 (invertebrates): >100ppm
48h LC-50 (algae): >10ppm

Persistence and degradability: Degrades readily by reacting with natural carbon dioxide in the air.

Bioaccumulative potential: This material is not expected to bioaccumulate significantly.

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

UN/ID No.: UN3266
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, n.o.s., (Sodium hydroxide)
Hazard Class: 8
Packing Group: II
49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 0.3 gallons. (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN3266
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, n.o.s., (Sodium hydroxide)
Hazard Class: 8
Packing Group: II
Marine Pollutant (IMDG Code): No
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: Sodium hydroxide (CAS# 1310-73-2) has a reportable quantity of 1,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: Sodium hydroxide CAS #1310-58-3 - Massachusetts, Minnesota, New Jersey, Pennsylvania, Rhode Island.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

Date Revised: November 3, 2015 – SDS revised to include these GHS Hazards: Acute Toxicity, Oral, Aspiration Hazard and Hazardous to the Aquatic Environment, Acute Hazard.

Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 1 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



| |
|-------------------|
| SAFETY DATA SHEET |
|-------------------|

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|--|---|
| Product Identifier: Performance Plus Pine Cleaner Product Use: Pine Oil Cleaner Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 01763 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: June 9, 2014 Date Revised: June 23, 2015 |
|--|---|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification

Pictogram: None required
 Signal Word: WARNING

| Hazard Class | Category | Code | Hazard Statement |
|------------------|----------|------|------------------|
| Flammable Liquid | 4 | H227 | Combustible |

| Precautionary | Code | Statement |
|---------------|--------------|---|
| Prevention | P210 P280 | Keep away from heat/sparks/open flames/hot surfaces – No smoking. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | P370+P378 | In case of fire: Use Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray for extinction |
| Storage | P403+P235 | Store in a well ventilated place. Keep Cool. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Potential health effects – May cause eye and skin irritation. Repeated exposure may cause drying and flaking of the skin (dermatitis). High vapor concentrations may cause irritation to the entire respiratory tract and central nervous system depression, resulting in headache, dizziness and nausea. May cause irritation to the entire gastrointestinal tract. May be harmful if swallowed in large amounts.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|-------------------|-------------|---------|-----------------------|
| Isopropyl Alcohol | Isopropanol | 67-63-0 | 0 - 3 |

SECTION 4. FIRST AID MEASURES

- Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation persists.
- Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops and persists, seek medical attention.
- Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class II Combustible liquid
 Flash Point: 135°F (57°C)

- Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers.
- Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.
- Hazardous combustion products: Carbon monoxide and carbon dioxide.
- Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- Sensitivity to static discharge: This product is combustible and readily ignited even by static discharge. Grounding equipment is recommended.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area.

- **For Small Spills:** Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste with non-sparking tools. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- **For Large Spills:** Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- **Handling:** Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not handle around sources of ignition. Use proper bonding and grounding during product transfer as described in document NFPA 77. Use explosion-proof equipment and non-sparking tools. Take precautionary measures against static discharge. Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
- **Storage:** Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Store in a well-ventilated area. Keep cool. Protect from physical damage. Store away from strong oxidizing agents and strong acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|-------------------|---------|----------|-----------|--------|
| Isopropyl Alcohol | 67-63-0 | 400ppm | 200ppm | 200ppm |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

- **Eye:** Safety glasses with side shields or splash proof goggles.
- **Skin:** Chemical resistant gloves. Normal materials handling clothing.
- **Respirator:** Use NIOSH approved protection if PEL is exceeded or if vapors are causing irritation.
- **Other:** Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|----------------------|---|-------------------|
| Appearance | Amber, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Pine | Vapor pressure | >0.1mmHg @ 20°C |
| Odor threshold | Not determined | Vapor density (Air = 1) | >1 |
| pH | 9.5 | Specific gravity (water = 1.0) | 1.000 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | 135°F (57°C) | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Water thin |
| Flammability | Class II Combustible | %Volatile/Volume | 93 |

SECTION 10. STABILITY AND REACTIVITY

- **Reactivity:** Not reactive under normal conditions.
- **Chemical stability:** Stable.
- **Possibility of hazardous reactions:** Hazardous polymerization will not occur.
- **Conditions to avoid:** Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- **Substances to avoid:** Avoid strong oxidizing agents and strong acids.
- **Hazardous combustion products:** Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Oral (LD50 Rat): >2000mg/kg
- Dermal (LD50 Rabbit): >2000mg/kg
- Inhalation (LC50 Rat): >5000mg/kg
- **Eye Contact:** May cause eye irritation.
- **Skin Contact:** May cause skin irritation. Repeated exposure may cause drying and flaking of the skin (dermatitis).
- **Inhalation:** Vapors may cause irritation to the entire respiratory tract. High vapor concentrations may cause central nervous system depression, resulting in headache, dizziness and nausea.
- **Ingestion:** May cause irritation to the entire gastrointestinal tract. May be harmful if swallowed.
- NTP/IARC/OSHA Carcinogen: Isopropyl alcohol (IARC)

SECTION 12. ECOLOGICAL INFORMATION

Acute Aquatic Effects:

- 96h LC-50 (fish): >10mg/L
- 96h EC-50 (invertebrates): >100mg/L
- 48h LC-50 (algae): >100mg/L
- **Persistence and Biodegradability:** Not determined
- **Bioaccumulation:** No data available
- **Mobility:** This product is soluble in water and may spread in water systems. This product is partially volatile and may spread in the atmosphere. Soil mobility not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

- **Disposal of Wastes:** Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- **Contaminated Packaging:** Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- **RCRA:** A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Container of 119 gallons or less:

- **Combustible Liquid (49 CFR 173.120 (b)(2):** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less for ground transportation. Exception CFR 173.150(f)(2): Combustible liquids. This exception does not apply to transportation by vessel or aircraft.
- **CFR 173.150(e) Aqueous solutions of alcohol:** An aqueous solution containing 24 percent or less alcohol by volume and no other hazardous material—(1) May be reclassified as a combustible liquid.(2) Is not subject to the requirements of this subchapter if it contains no less than 50 percent water.

Container of 120 gallons or more:

- UN/ID No.: UN1993
- Proper Shipping Name: Flammable Liquid, n.o.s., (Isopropanol)
- Hazard Class: 3
- Packing Group: III

IMDG & IATA:

- UN/ID No.: UN1993
- Proper Shipping Name: Flammable Liquid, n.o.s., (Isopropanol)
- Hazard Class: 3
- Packing Group: III
- Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

- **TSCA:** All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.
- **SARA Section 302:** The components of this product are either not regulated or regulated, but present in negligible concentrations.
- **SARA TITLE III Section 311/312:**

| | | | |
|--------------------------|----|-----------------|-----|
| Immediate (Acute) Health | No | Fire Hazard | Yes |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

- **SARA Title 313:** This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).
- **CERCLA:** This product does not have a reportable quantity.
- **United States Right-To-Know:** Massachusetts, New Jersey and Pennsylvania – Isopropyl Alcohol CAS# 67-63-0.
- **Proposition 65:** This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
- **RCRA:** A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

- Date prepared: June 23, 2015
- Hazard Ratings (HMIS): Health 1, Flammability 2, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
- Product VOC: 1.8%
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |

| | |
|-------|---|
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Washroom & Bowl Cleaner
Product Use: Non-acid Restroom & Bowl Cleaner
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336
Manufactured For: R.J. Schinner Co., Inc.
5800 Bucknell Drive
Atlanta, GA 30336

Product Identification # (PIF): 00045
Emergency Telephone #: 1-800-255-3924

General Information #: 262-797-7180
Date Prepared: December 1, 2014
Date Revised: June 11, 2015

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Codification: Not hazardous

Description of any hazards not otherwise classified: Potential Health Effects – May cause eye irritation. May cause skin irritation. Mists of this product may cause irritation to the respiratory tract. May cause irritation to the gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Names | CAS # | Concentration Range % |
|-----------------------------------|----------------|----------------|-----------------------|
| Contains no hazardous ingredients | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

- **Eyes:** Flush well with water for at least 15 minutes. Remove any contact lenses. If irritation persists, seek medical attention.
- **Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
- **Inhalation:** If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- **Ingestion:** DO NOT INDUCE VOMITING. If patient is fully conscious and aware, rinse mouth with water and drink 1 glass of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

- **Extinguishing Media:** Use appropriate media for surrounding fire.
- **Specific hazards arising from chemical:** None known.
- **Hazardous combustion products:** Oxides of carbon.
- **Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- **Sensitivity to static discharge:** This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Ventilate area.

- **For Small Spills:** Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- **For Large Spills:** Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- **Handling:** Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
- **Storage:** Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from strong oxidizers.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|-----------------------------------|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients | Not applicable | Not applicable | Not applicable | Not applicable |

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

- Eyes: Safety glasses with side shields or splash proof goggles.
- Skin: Chemical resistant gloves. Normal materials handling clothing.
- Respirator: Use NIOSH approved protection if vapors/sprays/mists are causing irritation.
- Other: Use only in a well ventilated area. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|--------------------|---|-------------------|
| Appearance | Clear, blue liquid | Upper/Lower flammability limits | Not determined |
| Odor | Lemon | Vapor pressure (water=17.3mmg) | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 11 | Relative density (water = 1.0) | 1.002 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Water thin |
| Flammability | Not flammable | %Volatile/Volume | 95 |

SECTION 10. STABILITY AND REACTIVITY

- Reactivity: Not reactive under normal conditions.
- Chemical stability: Stable under normal, ambient temperature and conditions
- Possibility of hazardous reactions: Hazardous polymerization will not occur.
- Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- Incompatibility with other substances: Strong oxidizers.
- Hazardous combustion products: Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Oral (LD50 Rat): >5000 mg/kg
- Dermal (LD50 Rabbit): Not determined
- Inhalation (LC50 Rat): Not determined
- Eye Contact: Can cause eye irritation.
- Skin Contact: May cause skin irritation. Prolonged exposure can cause drying of skin.
- Inhalation: Mists of this product may cause irritation to the respiratory tract.
- Ingestion: May cause irritation to the gastrointestinal tract.
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (fish): Not determined
- 48h EC-50 (daphnia): Not determined
- 48h LC-50 (algae): Not determined
- Persistence and degradability: Expected to be readily biodegradable.
- Bioaccumulation: No data available
- Mobility: This product is soluble in water and may spread in water systems.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- Not regulated

IATA and IMDG:

- Not regulated
- Marine Pollutant (IMDG Code): No
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk transport overseas

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Section 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

- Date prepared: June 11, 2015
- HMIS Ratings: Health 1, Fire 0, Reactivity 0 (scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
- Product VOC = 0%
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

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Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

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SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier: Performance Plus Auto Dishwashing Destainer Product Use: Low Temp Machine Warewashing Destainer Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 01021 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: September 15, 2014 Date Revised: June 23, 2015 |
| Manufactured For: R.J. Schinner Co., Inc. 5800 Bucknell Drive Atlanta, GA 30336 | |

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

| Hazard Class | Category | Code | Hazard Statement |
|--|----------|------|---|
| Acute Toxicity, Oral | 4 | H302 | Harmful if swallowed |
| Skin/Eye Corrosion | 1C | H314 | Causes severe skin burns and eye damage |
| Skin Sensitization | 1 | H317 | May cause an allergic skin reaction |
| Acute Toxicity, Inhalation | 4 | H332 | Harmful if inhaled |
| Hazardous to the Aquatic Environment, Acute Hazard | 1 | H400 | Very toxic to aquatic life |

| Precautionary | Code | Statement |
|---------------|---|---|
| Prevention | P260 P264 P270 P271 P272 P273 P280 | Do not breathe fumes/mists/vapors/sprays. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | P301+P330+P331 1 P312 P303+P361+P353 2 P333+P313 P321 P363 P304+P340 P312 P321 P305+P351+P338 8 P391 | IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash with soap and water. If skin irritation or a rash occurs: Get medical advice/attention. Specific treatments: See Section 4 First Aid Measures. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatments: See Section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing. Collect spillage. |
| Storage | P405 | Store locked up. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Potential health effects – May cause allergic skin reaction. Repeated exposure may cause drying and flaking of the skin (dermatitis). Vapors harmful - Severe respiratory tract irritation may occur. Harmful or fatal if swallowed.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|---------------------|-------------|-----------|-----------------------|
| Sodium Hypochlorite | Bleach | 7681-52-9 | 6 – 10 |

SECTION 4. FIRST AID MEASURES

- **Eyes:** Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses. Seek medical attention.
- **Skin:** Wash with soap and water and continue flushing with water for 15 minutes. Remove contaminated clothing and launder before reuse. Contaminated work clothing should not be allowed out of the workplace. If irritation develops and persists, seek medical attention.
- **Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.
- **Ingestion:** DO NOT INDUCE VOMITING. Call a physician immediately. If victim is completely conscious and alert, have victim rinse mouth, then drink two glasses of water to dilute. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

- **Extinguishing Media:** Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers.
- **Specific hazards arising from chemical:** Hazardous gases may be formed.
- **Hazardous combustion products:** Hydrogen chloride, phosgene, sodium oxide and hydroxide.
- **Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with acid gas cartridge with appropriate turn-out gear and chemical resistant personal protective equipment.
- **Sensitivity to static discharge:** This product not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Do not breathe fumes/mists/vapors/sprays.

- **For Small Spills:** Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Use water fog to suppress vapors. Neutralize spill with lime (calcium oxide) or soda ash or other weak acid neutralizing agent. Litmus paper may be used to confirm neutralization. Avoid release to the environment and collect spillage: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- **For Large Spills:** Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- **Handling:** Wear personal protection equipment (Section 8). Use only with adequate ventilation. Do not handle around sources of ignition. Do not breathe fumes/mists/vapors/sprays. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
- **Storage:** Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Store locked up. Protect from physical damage. Store away from acids, combustible/reducing materials, ammonia salts, plastics, rubber coatings and metals such as aluminum, zinc, tin and lead.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | OSHA/STEL |
|---------------------|-----------|----------|-----------|-----------|
| Sodium Hypochlorite | 7681-52-9 | 1ppm | 0.5ppm | 3ppm |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

- **Eye:** Safety glasses with side shields or splash proof goggles. Wear face shield is handling large amounts.
- **Skin:** Chemical resistant gloves. Normal materials handling clothing and apron.
- **Respirator:** Use NIOSH approved protection with acid gas cartridge if PEL is exceeded or if vapors are causing irritation.
- **Other:** Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-----------------------------|---|-------------------|
| Appearance | Straw-colored, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Chlorine | Vapor pressure | 12mmHg @ 20°C |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 11.5 – 12.5 | Specific gravity (water = 1.0) | 1.115 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | Not determined | Viscosity | Water thin |
| Flammability | Not flammable | %Volatile/Volume | 93 |

SECTION 10. STABILITY AND REACTIVITY

- **Reactivity:** This product is a strong oxidant, and reacts violently with combustible and reducing materials.
- **Chemical stability:** Stable under normal, ambient temperature and conditions.
- **Possibility of hazardous reactions:** Hazardous polymerization will not occur.

- Conditions to avoid: Heat, flame, sparks and ultra-violet light sources. Keep from freezing. Do not mix with other chemicals.
- Substances to avoid: Avoid acids, combustible/reducing materials, ammonia salts, plastics, rubber coatings and metals such as aluminum, zinc, tin and lead. Acid contact will produce toxic chlorine gas.
- Hazardous combustion products: Hydrogen chloride, phosgene, sodium oxide and hydroxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Oral (LD50 Rat): 3000-5000mg/kg
- Dermal (LD50 Rabbit): >2000mg/kg
- Inhalation (LC50 Rat): Not determined
- Eye Contact: Corrosive to eyes.
- Skin Contact: Corrosive to skin. May cause allergic skin reaction. Repeated exposure may cause drying and flaking of the skin (dermatitis).
- Inhalation: Vapors harmful. Severe respiratory tract irritation may occur.
- Ingestion: Harmful or fatal if swallowed.
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (Bluegill): 2.9 mg/L
- 96h EC-50 (invertebrates): Not determined
- 48h LC-50 (algae): Not determined
- Persistence and degradability: Readily biodegradable
- Bioaccumulation: No data available
- Mobility: This product is soluble in water and may spread in water systems. Soil mobility not determined.
- Aquatic toxicity: Toxic to aquatic organisms. Avoid release to the environment. Collect spillage.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- UN/ID No.: UN1791
- Proper Shipping Name: Hypochlorite Solutions
- Hazard Class: 8
- Packing Group: III
- USA: Label has to comply with OSHA Hazard Communication Standard (29 CFR 1910.1200)
- 49 CFR §173.154 (b) (3) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 1.3 gallons. (Non Hazardous)

IATA and IMDG:

- UN/ID No.: UN1791
- Proper Shipping Name: Hypochlorite Solutions
- Hazard Class: 8
- Packing Group: III
- Marine Pollutant (IMDG Code): Listed - Chlorine
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|-----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | Yes |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product has a reportable quantity of 1,467 lbs. (Sodium Hypochlorite)

United States Right-To-Know: Sodium Hypochlorite CAS# 7681-52-9 – Illinois, New Jersey and North Dakota.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

- Date prepared: June 23, 2015

- Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 2 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
- Product VOC: 0%
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier: Performance Plus Auto Dishwashing Detergent Product Use: Low-Temperature Warewashing Detergent Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 Manufactured For: R.J. Schinner Co., Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 02248 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: June 24, 2015 |
|---|---|

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

| Hazard Class | Category | Code | Hazard Statement |
|---------------------------|----------|------|---|
| Skin Corrosion/Eye Damage | 1B | H314 | Causes severe skin burns and eye damage |
| Corrosive to Metals | 1 | H290 | May be corrosive to metals |

| Precautionary | Code | Statement |
|---------------|--|--|
| Prevention | P234 P264 P280 | Keep only in original container. Wash thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection |
| Response | P301+P330+P331 1 P303+P361+P353 3 P363 P304+P340 P310 P321 P305+P351+P338 8 P390 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Absorb spillage to prevent material damage. |
| Storage | P404 | Store in a closed container. |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations |

Description of any hazards not otherwise classified: Potential health effects – May cause drying and flaking of the skin (dermatitis). Mists are corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest). High vapor concentrations may cause irritation to respiratory tract. Corrosive to digestive tract - May cause severe pain, burning, vomiting, diarrhea.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|---------------------|----------------|-----------|-----------------------|
| Potassium hydroxide | Caustic potash | 1310-58-3 | 1 – 4 |

SECTION 4. FIRST AID MEASURES

- **Eyes:** Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention immediately.
- **Skin:** Wash well with soap and water, then flush with water for 15 minutes. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
- **Inhalation:** Move to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician. Pulmonary edema symptoms can be delayed up to 48 hours after exposure.
- **Ingestion:** DO NOT INDUCE VOMITING. If victim is completely alert and aware, rinse mouth and give 8-10oz. water to dilute. If vomiting occurs spontaneously, have victim lean forward with head down, rinse mouth and administer more

water. Immediately transport victim to an emergency facility. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

- **Extinguishing Media:** Use media appropriate for surrounding fire.
- **Specific hazards arising from chemical:** May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air.
- **Hazardous combustion products:** potassium oxide fumes.
- **Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- **Sensitivity to static discharge:** This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Ventilate area.

- **For Small Spills:** Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize with weak acidic material (citric acid), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- **For Large Spills:** Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- **Handling:** Wear personal protection equipment. Use with adequate ventilation. Do not premix with other chemicals. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
- **Storage:** Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Keep only in original container. Protect from physical damage. Store away from strong acids, halogenated compounds, prolonged contact with metals or alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|---------------------|-----------|----------|-----------|-----------------|
| Potassium hydroxide | 1310-58-3 | 2mg/m3 | 2mg/m3 | Not established |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

- **Eye:** Safety glasses with side shields or splash proof goggles and face shield.
- **Skin:** Chemical resistant (impervious) gloves. Normal materials handling clothing and apron.
- **Respirator:** Use NIOSH approved protection if PEL is exceeded or if vapors are causing irritation.
- **Other:** Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-------------------|---|-------------------|
| Appearance | Red, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | None | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 13.5 - 14 | Specific gravity (water = 1.0) | 1.045 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Not determined |
| Flammability | Not flammable | %Volatile/Volume | 95 |

SECTION 10. STABILITY AND REACTIVITY

- **Reactivity:** May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air. Slowly attacks glass at room temperature. Corrosive to metals.
- **Chemical stability:** Stable under normal, ambient temperature and conditions.
- **Possibility of hazardous reactions:** Hazardous polymerization will not occur, but can induce hazardous polymerization of acetaldehyde, acrolein and acrylonitrile.
- **Conditions to avoid:** Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- **Incompatible materials:** Avoid strong acids, halogenated compounds, prolonged contact with metals or alloys.
- **Hazardous combustion products:** Potassium oxide fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Oral (LD50 Rat): 284 mg/kg
- Dermal (LD50 Rabbit): Not determined
- Inhalation (LC50 Rat): Not determined
- **Eye Contact:** Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding.

- Skin Contact: Corrosive to skin. Symptoms may include burns, ulceration and scarring. Prolonged/repeated skin exposures can result in dermatitis.
- Inhalation: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).
- Ingestion: Corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (fish): >100 mg/L
- 48h EC-50 (invertebrates): >100 mg/L
- 96h EC-50 (algae): >100 mg/L
- Persistence and degradability: Degrades readily by reacting with natural carbon dioxide in the air.
- Bioaccumulation: This material is not expected to bioaccumulate significantly.
- Mobility: This product is soluble in water and may spread in water systems. Soil mobility not determined.
- Effects on Aquatic Life: This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- UN/ID No.: UN1760
- Proper Shipping Name: Corrosive Liquids, n.o.s., (Potassium hydroxide)
- Hazard Class: 8
- Packing Group: II
- 49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 0.3 gallons. (Non Hazardous)

IATA and IMDG:

- UN/ID No.: UN1760
- Proper Shipping Name: Corrosive Liquids, n.o.s., (Potassium hydroxide)
- Hazard Class: 8
- Packing Group: II
- Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101)
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

- TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.
- SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.
- SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

- SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).
- CERCLA: Potassium hydroxide (CAS# 1310-58-3) has a reportable quantity of 1,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").
United States Right-To-Know: Potassium hydroxide (CAS #1310-58-3) - Massachusetts, Minnesota, New Jersey, Pennsylvania, Rhode Island.
- Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
- RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

- Date Prepared: June 24, 2015
- Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 1 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
- Product VOC: 0%
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|---|--|
| Product Identifier: Performance Plus Auto Dishwashing Rinse Aid Product Use: Machine Warewashing Rinse Additive Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 | Product Identification # (PIF): 01024 Emergency Telephone #: 1-800-255-3924 ChemTel General Information #: 262-797-7180 Date Prepared: December 2, 2014 Date Revised: August 5, 2015 |
| Manufactured For: R.J. Schinner Co., Inc. 5800 Bucknell Drive Atlanta, GA 30336 | |

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification:



Signal Word: WARNING

| Hazard Class | Category | Code | Hazard Statement |
|----------------|----------|------|-----------------------|
| Eye Irritation | 2B | H320 | Causes eye irritation |

| Precautionary | Code | Statement |
|---------------|-----------------------------|---|
| Prevention | P264 | Wash thoroughly after handling. |
| Response | P305+P351+P338 P337+P313 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. If eye irritation persists: Get medical advice/attention |
| Storage | None | None |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: May cause skin irritation. Inhaling mists or sprays of product may cause respiratory tract irritation. Swallowing large amounts may be harmful.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Names | CAS # | Concentration Range % |
|------------------|--------------|-------------|-----------------------|
| Surfactant blend | Proprietary | Proprietary | 18 – 22 |

SECTION 4. FIRST AID MEASURES

- **Eyes:** Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. If irritation persists, seek medical attention.
- **Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops and persists, seek medical attention.
- **Inhalation:** If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- **Ingestion:** DO NOT INDUCE VOMITING. Call a physician immediately. If victim is completely conscious and aware, rinse mouth and then drink plenty of water. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIB Combustible Liquid

Flash Point: Above 200°F (93°C)

- **Extinguishing Media:** Water spray, dry powder and foam. Use water spray to cool containers.
- **Specific hazards arising from chemical:** None known.
- **Hazardous combustion products:** Oxides of carbon and sulfur.
- **Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- **Sensitivity to static discharge:** This product is a class IIIB combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Wash thoroughly after handling.

- For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not handle around sources of ignition. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
- Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from acids and strong oxidizers.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|------------------|-------------|-----------------|-----------------|-----------------|
| Surfactant blend | Proprietary | Not established | Not established | Not established |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

- Eye: Safety glasses with side shields or splash proof goggles.
- Skin: Chemical resistant gloves. Normal materials handling clothing.
- Respirator: Use NIOSH approved protection if sprays/mists are causing irritation.
- Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|------------------------|---|-------------------|
| Appearance | Green, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Hydrocarbon | Vapor pressure (water=17.3mmg) | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 8 - 10 | Relative density (water = 1.0) | 1.025 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Above 200°F (93°C) | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Slightly viscous |
| Flammability | Class IIIB Combustible | %Volatile/Volume | 80 |

SECTION 10. STABILITY AND REACTIVITY

- Reactivity: Not reactive under normal conditions.
- Chemical stability: Stable under normal, ambient temperature and conditions.
- Possibility of hazardous reactions: Hazardous polymerization will not occur.
- Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- Incompatible materials: Acids and strong oxidizers.
- Hazardous combustion products: Oxides of carbon and sulfur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Oral (LD50 Rat): >4000mg/kg
- Dermal (LD50 Rabbit): Not determined
- Inhalation (LC50 Rat): Not determined
- Eye Contact: Causes eye irritation.
- Skin Contact: May cause skin irritation.
- Inhalation: Inhaling mists or sprays of product may cause respiratory tract irritation.
- Ingestion: May irritate the mouth, throat and gastrointestinal tract. Swallowing large amounts may be harmful.
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (fish): Not determined
- 96h EC-50 (invertebrates): >100ppm
- 48h LC-50 (algae): Not determined
- Persistence and degradability: Expected to be readily biodegradable.
- Bioaccumulation: Not determined.
- Mobility: This product is soluble in water and may spread in water systems. Soil mobility not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- Not regulated

IATA and IMDG:

- Not regulated
- Marine Pollutant (IMDG Code): No
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|-----|-----------------|----|
| Immediate (Acute) Health | Yes | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable

SECTION 16. OTHER INFORMATION

- Date Prepared: August 5, 2015
- Hazard Ratings (HMIS): Health 1, Flammability 1, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
- Product VOC: 0%
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.
 SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Pink Dish Soap
Product Use: Manual Pot and Pan Detergent
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336
Manufactured For: R.J. Schinner Co., Inc.
N89W14700 Patrita Drive
Menomonee Falls, WI 53051
Product Identification # (PIF): 01806
Emergency Telephone #: 1-800-255-3924 ChemTel
General Information #: 262-797-7180
Date Prepared: June 26, 2015

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification: This product is not classified as hazardous.
Description of any hazards not otherwise classified: May cause slight eye irritation. Ingestion may cause irritation to the entire gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Max. % |
|--|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation persists.
Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable
Flash Point: Not flammable.
Extinguishing Media: Use media appropriate for surrounding fire.
Specific hazards arising from chemical: None known.
Hazardous combustion products: Oxides of carbon, nitrogen and sulfur. Ammoniacal vapors.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Spills may present a slip hazard. Ventilate area. Wash thoroughly after handling.
For Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Do not premix with other chemicals. Exercise reasonable care and precaution. Do not eat, drink or smoke in work areas. Wash hands after handling to prevent drying of skin.
Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | TLV | STEL |
|--|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable | Not applicable |

Engineering Controls: Provide adequate ventilation.

Personal protective equipment:

Eyes: Safety glasses not needed, but can be used when cleaning up a spill.

Skin: Not applicable.

Respirator: Not applicable

Other: Wash hands after handling to prevent drying of skin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|-------------------|----------------------------------|-------------------|
| Appearance | Pink, hazy liquid | Upper/Lower flammability limits | Not determined |
| Odor | Floral | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 8.5 – 9.5 | Specific gravity (water = 1.0) | 1.010 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity, #3 @ 50rpm Brookfield | 700 cps |
| Flammability | Not flammable | Product VOC | <1% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatibility with other substances: None known.

Hazardous combustion products: Oxides of carbon, nitrogen and sulfur. Ammoniacal vapors.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): >5000 mg/kg

Dermal (LD50 Rabbit): >2000 mg/kg

Inhalation (LC50 Rat): >20mg/kg

Skin corrosion/irritation: Prolonged contact is essentially nonirritating to skin.

Serious eye damage/irritation: May cause slight eye irritation. Symptoms may include a burning sensation, tearing, swelling and redness.

Respiratory or skin sensitization: None expected.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Ingestion: May cause irritation to the mouth, throat and gastrointestinal tract.

Likely routes of exposure: Eyes, skin

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): No data available

48h EC-50 (invertebrates): No data available

48h LC-50 (algae): No data available

Persistence and degradability: Not determined.

Bioaccumulative potential: Not determined.

Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Not regulated

IATA and IMDG:

Not regulated

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Section 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date Prepared: December 9, 2015

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0. Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

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Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

MATERIAL SAFETY DATA SHEET



Section 1. Chemical Product and Company Information

Product #: 6033 Fragrance: Herbal
Product Name: Performance Plus Pink Dish Soap Product Use:
Product Use: Manual Dish Washing Soap Color: Pink
Distributor Name: R J Schinner
Distributor Address: N89 W14700 Patrita Drive
Menomee Falls, WI 53051
Emergency Phone #: 1-800-535-5053 Infotrac 24 hours
Date Prepared/Updated: 10-30-12

Hazardous Material Information System (HMIS)

Health: 1
Fire Hazard: 0
Reactivity: 0
Precautionary Label Statements: Caution

Section 2. Composition and Information on Ingredients

| Ingredients | CAS# | % | Exposure Limits |
|------------------|---------------|--------|-----------------|
| Water | 7732-18-5 | 60-100 | Not Listed |
| Surfactant Blend | Not Available | 5-10 | Not Listed |

Section 3. Hazards Identification Section

Route of Entry: Eyes
Potential Acute Health Effects: None known

Section 4. First Aid Measures

Eye Contact: Flush immediately with water for 15 minutes being careful to flush behind the eyelids. Seek medical attention if irritation persists or develops.
Inhalation: No harmful effects expected.
Skin Contact: No harmful effects expected. Prolonged or repeated contact may dry skin and cause irritation.
Ingestion: Immediately drink plenty of water. If discomfort persists, get medical attention.

Section 5. Fire Fighting Measures

Flashpoint: None (not flammable) Method: Tag Open Cup
Fire Fighting Media and Instructions:
Extinguish with water spray or carbon dioxide; dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.

Unusual Fire and Explosion Hazards: None Known

Section 6. Accidental Release Measures

Personal Precautions:
Put on appropriate personal protective equipment (see section 8).
Environmental Precautions:
In the event of major spillage: Use appropriate containment to avoid environmental contamination. Collect spilled material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean up.

Section 7. Handling and Storage

Handling: Avoid contact with eyes. Use appropriate hygiene methods when handling product. For industrial use only.
Storage: Store in a cool well ventilated area. Protect from freezing. Keep out of reach of children.

Section 8. Exposure Controls & Personal Protection:

Engineering Controls: None usually needed. General room ventilation is adequate.
Personal Protection:
Eyes: No special requirements under normal use conditions.
Hands: No special requirements under normal use conditions.
Respiratory: No special requirements under normal use conditions.
Additional Measures: No special requirements under normal use conditions.
Listed Carcinogen: No ingredients listed by NTP, IARC or OSHA Subpart Z.
Medical Condition Aggravated:
Persons with pre-existing skin disorders may be susceptible to irritating effects.

Section 9. Physical and Chemical Properties

Fragrance: Herbal
Physical State: Liquid
Color: Pink
pH: 8.0 – 8.5
Specific Gravity: 1.03
Boiling/Condensation Point: Approximately 212°F
Melting/Freezing Point: Approximately 32°F
Solubility in Water: Complete at 25°C

Section 10. Stability and Reactivity

Stability and Reactivity: Stable
Conditions of Instability: None Known
Incompatibility with Various Substances:
None Known
Decomposition Products: When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Effects of Chronic Exposure: None Known

Section 12. Ecological Information: None Known

Section 13. Disposal Considerations:

Dispose of all wastes according to all federal, state and local legislation.

Section 14. Transport Information

DOT Classification: NOI Non-Hazardous

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

U.S. Regulation Not Regulated.
Federal: Not Regulated.
State: Not Regulated.
Registered Product Information: Not EPA Registered.

Sara Section 312:

Immediate (Acute) Health

Sara Section 313: Toxic Release Inventory Reporting:

None.

Section 16. Other Information:

TSCA STATUS: All ingredients of this product are listed on the TSCA inventory.

Other Special Considerations: None reported.

Manufacturer: Midlab, Inc.
Address: 140 Private Brand Way
Athens, TN 37303

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and must comply with all federal, state, Provincial and Local Laws and Regulations.

Product#
6033



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Performance Plus Foaming Hand Soap
Product Use: Foaming Hand Soap
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336
Manufactured For: R.J. Schinner Co., Inc.
N89W14700 Patria Drive
Menomonee Falls, WI 53051

Product Identification # (PIF): 02736
Emergency Telephone #: 1-800-255-3924 ChemTel

General Information #: 262-797-7180
Date Prepared: December 9, 2015

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification: This product is not classified as hazardous.

Description of any hazards not otherwise classified: May cause slight eye irritation. Ingestion may cause irritation to the entire gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Max. % |
|--|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes. Remove any contact lenses.
Skin: Safe to use as a hand soap.
Inhalation: If symptoms develop, move victim to fresh air. Move to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
Ingestion: Drink 8 oz. of water to dilute. DO NOT INDUCE VOMITING. Get medical help.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable
Flash Point: Not flammable
Extinguishing Media: Use media appropriate for surrounding fire.
Specific hazards arising from chemical: None known.
Hazardous combustion products: Oxides of carbon.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Spills may present a slip hazard. Ventilate area. Wash thoroughly after handling.
For Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Do not premix with other chemicals. Exercise reasonable care and precaution. Do not eat, drink or smoke in work areas. Wash hands after handling to prevent drying of skin.
Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | TLV | STEL |
|--|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable | Not applicable |

Engineering Controls: Provide adequate ventilation.

Personal protective equipment:

Eyes: Safety glasses not needed, but can be used when cleaning up a spill.
Skin: Not applicable.
Respirator: Not applicable
Clothing: Not applicable.
Other: Wash hands after handling to prevent drying of skin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------------------|---|-------------------|
| Appearance | Amber, clear liquid | Upper/Lower flammability limits | Not determined |
| Odor | Floral | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 9.5 – 10.5 | Specific gravity (water = 1.0) | 1.005 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Thin |
| Flammability | Not flammable | Product VOC | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Chemical stability: Stable under normal, ambient temperature and conditions.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
Incompatibility with other substances: None known.
Hazardous combustion products: Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:
Oral (LD50 Rat): Not determined
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined
Skin corrosion/irritation: Prolonged contact is essentially nonirritating to skin.
Serious eye damage/irritation: May cause slight eye irritation. Symptoms may include a burning sensation, tearing, swelling and redness.
Respiratory or skin sensitization: None expected.
Germ cell mutagenicity: No data available
Carcinogenicity: NTP/IARC/OSHA Carcinogen: No
Reproductive toxicity: Not available
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Ingestion: May cause irritation to the mouth, throat and gastrointestinal tract.
Likely routes of exposure: Eyes, skin
Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:
96h LC-50 (fish): No data available
48h EC-50 (daphnia): No data available
48h LC-50 (algae): No data available
Persistence and degradability: Not determined.
Bioaccumulative potential: Not determined.
Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.
Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.
RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:
Not regulated
IATA and IMDG:
Not regulated
Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

SARA Section 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date Prepared: December 9, 2015

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0. Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

"FOR INDUSTRIAL USE ONLY"

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|--|--|
| Product Identifier: Performance Plus Pink Lotion Hand Soap | Product Identification # (PIF): 01807 |
| Product Use: Pink Lotion Hand Soap | Emergency Telephone #: 1-800-255-3924 ChemTel |
| Manufactured By: Kor-Chem, Inc. 5800 Bucknell Drive Atlanta, GA 30336 | |
| Manufactured For: R.J. Schinner Co., Inc. N89W14700 Patria Drive Menomonee Falls, WI 53051 | General Information #: 262-797-7180 Date Prepared: March 9, 2015 Date Revised: February 18, 2016 |

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification: This product is not classified as hazardous.

Description of any hazards not otherwise classified: May cause slight eye irritation. Ingestion may cause irritation to the entire gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Max. % |
|--|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes. Remove any contact lenses.
Skin: Safe to use as a hand soap.
Inhalation: If symptoms develop, move victim to fresh air. Move to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
Ingestion: Drink 8 oz. of water to dilute. DO NOT INDUCE VOMITING. Get medical help.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable
Flash Point: Not flammable
Extinguishing Media: Use media appropriate for surrounding fire.
Specific hazards arising from chemical: None known.
Hazardous combustion products: Oxides of carbon.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Spills may present a slip hazard. Ventilate area. Wash thoroughly after handling.
For Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Do not premix with other chemicals. Exercise reasonable care and precaution. Do not eat, drink or smoke in work areas. Wash hands after handling to prevent drying of skin.
Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | TLV | STEL |
|--|----------------|----------------|----------------|----------------|
| Contains no hazardous ingredients at or above 1% | Not applicable | Not applicable | Not applicable | Not applicable |

Engineering Controls: Provide adequate ventilation.

Personal protective equipment:

Eyes: Safety glasses not needed, but can be used when cleaning up a spill.
Skin: Not applicable.
Respirator: Not applicable
Clothing: Not applicable.
Other: Wash hands after handling to prevent drying of skin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------------------|---|-------------------|
| Appearance | Pink, opaque liquid | Upper/Lower flammability limits | Not determined |
| Odor | Almond | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 9.5 | Specific gravity (water = 1.0) | 1.010 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity (#4 Zahn) | 50 seconds |
| Flammability | Not flammable | VOC by weight | 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Chemical stability: Stable under normal, ambient temperature and conditions.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
Incompatibility with other substances: None known.
Hazardous combustion products: Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:
Oral (LD50 Rat): Not determined
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined
Skin corrosion/irritation: Prolonged contact is essentially nonirritating to skin.
Serious eye damage/irritation: May cause slight eye irritation. Symptoms may include a burning sensation, tearing, swelling and redness.
Respiratory or skin sensitization: None expected.
Germ cell mutagenicity: No data available
Carcinogenicity: NTP/IARC/OSHA Carcinogen: No
Reproductive toxicity: Not available
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Ingestion: May cause irritation to the mouth, throat and gastrointestinal tract.
Likely routes of exposure: Eyes, skin
Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:
96h LC-50 (fish): No data available
48h EC-50 (daphnia): No data available
48h LC-50 (algae): No data available
Persistence and degradability: Not determined.
Bioaccumulative potential: Not determined.
Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems.
Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.
RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:
Not regulated
IATA and IMDG:
Not regulated
Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.
 SARA TITLE III Section 311/312:

| | | | |
|--------------------------|----|-----------------|----|
| Immediate (Acute) Health | No | Fire Hazard | No |
| Delayed (Chronic) Health | No | Reactive Hazard | No |

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RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date Prepared: February 18, 2016 – SDS updated to meet GHS revision #5 requirements.

Hazard Ratings (HMIS): Health 1, Flammability 0, Reactivity 0. Personal Protection Rating to be supplied by user based on use conditions.

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| Abbreviation | Full Name/Explanation |
|--------------|---|
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| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| GHS | Globally Harmonized System |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
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| STEL | Short-Term Exposure Limit |
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