



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

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|--|---|
| 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 |
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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.