

ENFORCER Products
 A Division of Acuity Specialty Products
 Group, Inc.
 P.O. Box 1060
 Cartersville, GA 30120

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Pine Cleaner
Product Code PVPC
Date of issue 11/29/06 **Supersedes**

Emergency Telephone Numbers **For a Medical Emergency:**
 INFOTRAC
 (877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 (Toll Free - Calls Recorded)

Printing Date:

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

| Name of Hazardous Ingredients | CAS # | % by Weight | Exposure Limits |
|---|---------------------------------------|-------------|--|
| ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol | 67-63-0 | 5 - 15 | ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s). |
| PINE OIL | 8002-09-3 | 1 - 5 | Not established |
| QUATERNARY AMMONIUM CHLORIDES; Blend of alkyl dimethylbenzyl ammonium chlorides, alkyl dimethyl ammonium chlorides, ethanol | 68424-85-1; 68424-95-3; 64-17-5 | 1 - 5 | Not established |

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Ingestion.
Skin Prolonged contact can cause severe irritation or even burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Eyes Corrosive to eyes. Direct contact with the eyes can cause irreversible damage including blindness.
Inhalation Over-exposure by inhalation may cause respiratory irritation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract.
Ingestion Harmful if swallowed. May cause burns to mouth, throat and stomach. Danger of circulatory collapse.

| HMIS | |
|----------------------------|----------|
| Health | 1 |
| Fire Hazard | 3 |
| Reactivity | 0 |
| Personal Protection | B |

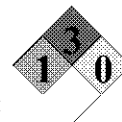
Carcinogenic Effects Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated or prolonged exposure to the substance can produce kidney damage.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention.
Skin Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.
Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

| | | |
|---------------------------------|---|--|
| Flash Point | Closed cup: 32.7°C (91°F). | Flammable Limits LOWER: 1% UPPER: 12% |
| Flammability | Flammable in presence of open flames, sparks and static discharge, of oxidizing materials. | |
| Fire Hazard | Vapor may cause flash fire. Avoid all possible sources of ignition (spark or flame). May emit toxic fumes under fire conditions. | |
| Fire-Fighting Procedures | Use DRY chemicals, CO ₂ , water spray or foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus. | |


Section 6. Accidental Release Measures

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| Spill Clean up | Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. |
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Section 7. Handling and Storage

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| Handling | Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Use only with adequate ventilation. Keep away from food, drink and animal feeding stuffs. Do not reuse product container. Observe label precautions. |
| Storage | Keep container tightly closed and sealed until ready for use. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition (spark or flame). Keep out of the reach of children. |

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

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| Eyes | Wear protective eyeglasses or chemical safety goggles and face protection. |  |
| Body | Rubber gloves. | |
| Respiratory | Avoid breathing vapors or spray mists. Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use. | |

Section 9. Physical and Chemical Properties

| | | | |
|-------------------------|--|-------------------------|-----------------------------------|
| Physical State | Liquid. | Color | Clear. Colorless to light yellow. |
| pH | 6.0 - 7.0 | Odor | Pine |
| Boiling Point | Not determined. | Vapor Pressure | Not determined. |
| Specific Gravity | 0.99 (Water = 1) | Vapor Density | Not determined. |
| Solubility | Easily soluble in cold water, hot water. | Evaporation Rate | 1 compared to Water |
| | | VOC (Consumer) | 15.2% 1.26 (lb/gal) 151 (g/l). |

Section 10. Stability and Reactivity

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| Stability and Reactivity | The product is stable. |
| Incompatibility | Reactive with oxidizing agents and open flames and sparks. |
| Hazardous Polymerization | Will not occur. |
| Hazardous Decomposition Products | These products are Hydrogen Chloride (HCl), carbon oxides (CO, CO ₂) and other organic materials. |

Section 11. Toxicological Information

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|----------------------------|--|
| Toxicity to Animals | Isopropyl Alcohol: |
| | ORAL (LD50): Acute: 4700 mg/kg [Rat]. |
| | DERMAL (LD50): Acute: 13000 mg/kg [Rabbit]. |
| | VAPOR (LC50): Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat (Female)]. |
| | Pine Oil: |
| | ORAL (LD50): Acute: 4300 mg/kg [Rat.]. |
| | DERMAL (LD50): Acute: 3000 mg/kg [Rabbit.]. |
| | Quaternary Ammonium Chlorides: |
| | ORAL (LD50): Acute: 250 mg/kg [Rat.]. 366 mg/kg [Rat]. |
| | DERMAL (LD50): Acute: 204 mg/kg [Rabbit]. 645 mg/kg [Rabbit]. |

Section 12. Ecological Information

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|---------------------------|----------------|
| Ecotoxicity | Not available. |
| Biodegradable/OECD | Not available. |

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Non-regulated waste

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name None.

DOT Classification Not a DOT controlled material (United States).

UN number Not applicable.

TDG Classification Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations California prop. 65: No products were found.

WHMIS (Canada) Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).
Class D-2B: Material causing other toxic effects (TOXIC).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.