



1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Material Name PINE CLEANER
Version # (1213A)
Revision Date 05-12-08
Manufacturer Information ROSE PRODUCTS & SERVICES, INC.
 545 Stimmel Road
 Columbus, OH 43223
Emergency General Chemtrec ((800) 424-9300
 (816) 233-1321 (Ext. 8285)

2. OTHER INFORMATION

HIMS[®] ratings Health: 1
 Flammability: 2
 Physical hazard: 1

NFPA ratings Health: 1
 Flammability: 2
 Instability: 1

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eyes Causes eye damage. Symptoms may include stinging, tearing, redness and swelling of the eyes.
Skin Causes mild to moderate skin irritation. Symptoms may include redness, burning, drying and cracking of skin.
Inhalation Mist or vapor inhalation may cause irritation to the nose, throat and upper respiratory tract.
Ingestion Harmful if swallowed. May cause nausea, vomiting and diarrhea.

4. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	Percent
Pine Oil	8002-09-3	100%

5. FIRST AID MEASURES

First aid procedures

Eye contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact Take off contaminated clothing. Immediately rinse skin with plenty of soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation Seek fresh air immediately. If breathing is difficult, seek medical advice.
Ingestion Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Notes to physician Probable mucosal damage may contraindicate to use of gastric lavage. Aspiration of the vomitus may cause lung damage.

6. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO ₂), dry chemical, foam.
Unsuitable extinguishing media	If water must be used, use as a spray only.
Special exposure hazards	Avoid heat, sparks and open flames.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, acrid fumes.
Protective equipment for firefighters	Standard turnout gear for combustible liquids.

7. ACCIDENTAL RELEASE MEASURES

Personal precautions

Standard turnout gear for combustible liquids.

Environmental precautions

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or regional office of the EPA.

Methods for cleaning up

Small spills should be absorbed by dirt, sand or other absorbent. Large spills may be pumped into containers for recovery/disposal.

8. HANDLING & STORAGE

Handling

Wear goggles or face shield and rubber gloves when handling.

Storage

Do not contaminate water, food or feed by storage or disposal. Store in a well ventilated area.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

None known by Manufacturer

Engineering controls

Local mechanical exhaust may be needed in confined and warm areas.

Personal protective equipment

Eye / face protection

Wear goggles or full face shield.

Skin protection

Wear protective clothing including long sleeves and standard industrial type rubber gloves to prevent prolonged or repeated skin contact. Wash hands and other exposed areas of skin with soap and water after handling product.

Respiratory protection

A respirator is not normally required. If vapor concentration is suspected to be high, use a NIOSH approved organic vapor respirator.

General

Eye wash station and safety shower should be readily available and clearly marked. Wash hands and other exposed areas of skin with soap and water after handling the material.

10. PHYSICAL & CHEMICAL PROPERTIES

pH

not determined

Boiling point

383°F (195°C) (Distillation)

Flash point

167°F (75°C) (Tag Closed Cup)

Evaporation rate

not determined

Vapor pressure

1 mmHg @ 25°C

Vapor density (air = 1)

>1

Specific gravity

0.930 @ 15.5°C

11. STABILITY & REACTIVITY

Chemical stability

Stable at normal conditions when used according to label directions.

Incompatible materials

Strong acids, bases and materials that react with unsaturated hydrocarbons and alcohols.

Hazardous decomposition products

Carbon dioxide, carbon monoxide, acrid fumes.

11. STABILITY & REACTIVITY CONTINUED

Conditions to avoid	Prolonged or excessive heat and/or exposure to air may cause non-hazardous decomposition and/or oxidation of the substance.
Possibility of hazardous reactions	Will not occur.

12. TOXICOLOGICAL INFORMATION

Primary target organs	Eyes, skin.
Primary exposure routes	Eyes, skin.
Medical conditions aggravated by overexposure	None known to Manufacturer
Acute Toxicity:	
Acute oral toxicity	LD50 (rat): 2760 mg/kg.
Acute inhalation toxicity	Not determined.
Acute dermal toxicity	Not determined.
Eye irritancy	Material is a primary eye irritant.
Dermal irritancy	Material is a primary skin irritant (irritation index = 5.1).
Skin sensitization	Not determined.
Mutagenicity	Not determined.
Teratogenicity	Not determined.

13. ECOLOGICAL INFORMATION

Ecotoxicity	TOXIC TO FISH AND AQUATIC ORGANISMS.
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14. DISPOSAL CONSIDERATIONS

Disposal instructions	CONTAINER DISPOSAL – This material, if discarded, is not considered a hazardous waste by EPA regulations 40 CFR 261. Dispose of this material in accordance with local and State regulations. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.
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15. TRANSPORT INFORMATION

Applicable regulations (Non-bulk packages):	
49 CFR	No
IMCO	No
IATA	No
Proper shipping name	Cleaning Compound
UN number	Not applicable
Limited quantity	Not applicable
Hazard class	Not applicable
Labels required	Not required
Exception	Not applicable
EPA hazardous waste number/code	Not listed
Hazardous waste characteristics	
Ignitability	Not applicable
Corrosivity	Not applicable
Reactivity	Not applicable

16. REGULATORY INFORMATION

CERCLA	
(Superfund) reportable quantity	None
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
SARA Title 313	None

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