

PINE CLEANER and Deodorant

Version Number: 1

Preparation date: 2005-08-25

1. PRODUCT AND COMPANY IDENTIFICATION	
Product name:	PINE CLEANER and Deodorant
MSDS #:	MS0600057
Product code:	U22929
Recommended use:	General purpose cleaner.
Manufacturer, importer, supplier:	Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com
Emergency telephone number:	1-800-535-5053

2. HAZARDS IDENTIFICATION	
EMERGENCY OVERVIEW	
<ul style="list-style-type: none"> • WARNING • CONCENTRATE • CAUSES EYE AND SKIN IRRITATION • COMBUSTIBLE LIQUID AND VAPOR 	
Principle routes of exposure:	<ul style="list-style-type: none"> • Eyes • Skin • Inhalation
Inhalation:	• May be irritating to nose, throat, and respiratory tract
Ingestion:	• May be irritating to mouth, throat and stomach
Skin contact:	• Moderately irritating to the skin
Eye contact:	• Severe eye irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS
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HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Isopropyl alcohol	67-63-0	7 - 13%
Pine oil	8002-09-3	5 - 10%

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	5000 mg/kg (rat)	12800 mg/kg (rabbit)	16000 ppm/8H (rat)
Pine oil	3200 mg/kg (rat)	5 g/kg (rabbit)	Not available

4. FIRST AID MEASURES	
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Eye contact:	<ul style="list-style-type: none"> • Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open • Get medical attention
Skin contact:	<ul style="list-style-type: none"> • Flush immediately with plenty of water • If irritation persists, get medical attention
Inhalation:	<ul style="list-style-type: none"> • If breathing is affected, remove to fresh air • Get medical attention
Ingestion:	<ul style="list-style-type: none"> • Immediately drink one cupful of water or milk • Never give anything by mouth to an unconscious person • Get medical attention
Aggravated Medical Conditions:	• Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	• Use dry chemical, CO ₂ , water spray or "alcohol" foam
Specific hazards:	• Keep product and empty container away from heat and sources of ignition
Unusual hazards:	None known
Specific methods:	No special methods required
Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons: No information available	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	<ul style="list-style-type: none"> Put on appropriate personal protective equipment (see Section 8.) Contaminated surfaces will be extremely slippery
Environmental precautions and clean-up methods:	<ul style="list-style-type: none"> Clean-up methods - large spillage Prevent product from entering drains Soak up with inert absorbent material Sweep up and shovel into suitable containers for disposal Use a water rinse for final clean-up

7. HANDLING AND STORAGE

Handling:	<ul style="list-style-type: none"> Avoid contact with skin, eyes and clothing Wash thoroughly after handling
FOR COMMERCIAL AND INDUSTRIAL USE ONLY	
Storage:	<ul style="list-style-type: none"> Protect from freezing Keep tightly closed in a dry, cool and well-ventilated place Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	
<ul style="list-style-type: none"> No special ventilation requirements General room ventilation is adequate 	
Personal Protective Equipment	
Eye protection:	• Safety glasses
Hand protection:	• Chemical resistant gloves
Skin and body protection:	<ul style="list-style-type: none"> No special requirements under normal use conditions If major exposure is possible, wear suitable protective clothing and footwear Long sleeved clothing Chemical resistant apron
Respiratory protection:	• No special requirements under normal use conditions
Hygiene measures:	• Handle in accordance with good industrial hygiene and safety practice



Ingredient	CAS #	ACGIH	OSHA	Mexico
Isopropyl alcohol	67-63-0	400 ppm (STEL) 200 ppm (TWA)	980 mg/m ³ 400 ppm	1225 mg/m ³ (STEL) 980 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Liquid	Appearance:	Aqueous solution
Color:	Yellow	Odor:	Pine
Specific gravity:	0.986	pH:	7.5
Dilution pH:	No information available	Density:	8.21
Bulk density:	No information available	Vapor density:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
VOC:	10.5 %	Viscosity:	No information available
Solubility in other solvents:	No information available		
Partition coefficient (n-octanol/water):	No information available		
Boiling point/range:	Not determined		
Melting point/range:	Not determined		
Flash point:	114 (°F)45.6 (°C)		
Decomposition temperature:	Not determined		
Autoignition temperature:	No information available		

10. STABILITY AND REACTIVITY	
Stability:	The product is stable
Polymerization:	Hazardous polymerisation does not occur
Hazardous decomposition products:	None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION	
Acute toxicity	<ul style="list-style-type: none"> • Oral • LD50 estimated to be greater than 5000 mg/kg • Dermal • LD50 estimated to be > 2000 mg/kg
Component Information:	See Section 3
Chronic toxicity:	None known
Specific effects	
Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION	
Environmental Information:	<ul style="list-style-type: none"> • no data available

13. DISPOSAL CONSIDERATIONS	
Waste from residues / unused products:	<ul style="list-style-type: none"> • Undiluted product is regulated under environmental and transportation laws as an ignitable waste

14. TRANSPORT INFORMATION	
DOT/TDG:	Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	Y
Reactivity:	N
Sudden Release of Pressure:	N

Canada

Ingredient	CAS #	NPRI
Alkylphenoxy polyethoxyethanol	26027-38-3	Listed
Isopropyl alcohol	67-63-0	Listed

WHMIS hazard class: Not for sale in Canada .

STATE RIGHT TO KNOW

Ingredient	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Alkylphenoxy polyethoxyethanol	26027-38-3	-	-	-	-	-	-
Water	7732-18-5	-	-	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-	-	-
Isopropyl alcohol	67-63-0	Listed	Listed	Listed	Listed	Listed	Listed
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-	-	-
Pine oil	8002-09-3	Listed	-	-	-	-	Listed

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Isopropyl alcohol	67-63-0	7 - 13%	100		Listed.

16. OTHER INFORMATION

HMIS	Health	2	Fire Hazard	2	Reactivity	0
NFPA	Health:	2	Flammability:	2	Instability:	0

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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