

PINE

EMERGENCY NO. 1-800-535-5053 (INFOTRAC)

SECTION 1. IDENTIFICATION OF PRODUCT

Product Name: PINE CLEANER & DEODORANT/PINE O LINE PINE DEODORANT CLEANER  
Date Issued: 02/04/99  
Supersedes: 02/12/91  
Unisource Item #: U17728, U17729, U17730, U17731

SECTION 2. INGREDIENTS CAS NUMBER PERCENT EXPOSURE LIMITS IN AIR  
OSHA PEL ACGIH TLV OTHER

ISOPROPYL ALCOHOL	67-63-0	11-14	TWA 400 ppm
WATER			
ALKYL BENZENE			
SULFONATE	27176-87-0	6-9	NOT ESTABLISHED
PINE OIL	8002-09-3	8-11	NOT ESTABLISHED

N/A = Not Applicable; N/D = Not Determined

SECTION 3. PHYSICAL DATA

Boiling Point (F): <212 Specific Gravity (Water = 1): .98  
Vapor Pressure (mm Hg.): 15 Percent Volatile (By Volume): 88  
Vapor Density (Air = 1): ND Evaporation Rate (Water = 1): 1  
Solubility in Water: SOLUBLE pH Range: 9.8  
Appearance and Odor: CLEAR AMBER/PINE SCENT

Section 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method): 95F (TCC)  
Flammable Limits: LEL = 2 UEL = 12

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER FOG

Special Fire Fighting Procedures: NORMAL FIRE FIGHTING PROCEDURES MAY BE USED. COOL AND USE CAUTION WHEN APPROACHING OR HANDLING FIRE-EXPOSED CONTAINERS.

Unusual Fire & Explosion Hazards: CONTAINERS MAY BURST IN HEAT.

MATERIAL SAFETY DATA SHEET

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SECTION 5. REACTIVITY DATA

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Stability: STABLE

Incompatibility - Materials to Avoid: NONE KNOWN TO UNISOURCE

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: NONE KNOWN TO UNISOURCE

Hazardous Decomposition Products: WHEN EXPOSED TO FIRE, PRODUCES NORMAL PRODUCTS OF COMBUSTION.

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SECTION 6. SPILL, LEAK AND DISPOSAL PROCEDURES

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Spill Response: FOR SMALL SPILLS, DILUTE WITH WATER AND PICK UP WITH MOP AND PAIL OR WET PICK UP VACUUM. FOR LARGE SPILLS, DIKE AREA TO CONTAIN SPILL. CLEAN UP USING ABSORBENT MATERIAL. PLACE ALL CONTAMINATED MATERIAL IN A CLOSED CONTAINER FOR DISPOSAL.

Product Disposal: WASTE FOR DILUTED PRODUCT MAY BE FLUSHED TO SEWER. UNDILUTED PRODUCT RECOVERED FROM SPILLS MAY BE SENT TO A LICENSED DISPOSAL FACILITY TO BE DISPOSED OF IN ACCORDANCE WITH FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES.

Container Disposal: TRIPLE RINSE EMPTY CONTAINER THOROUGHLY WITH WATER AND DISCARD IN REGULAR TRASH COLLECTION IF ALLOWED BY LOCAL, STATE AND FEDERAL REGULATIONS.

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SECTION 7. HEALTH HAZARD DATA

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Symptoms of Overexposure:

Eye Contact: EYE IRRITANT. IF NOT PROMPTLY TREATED, EYE DAMAGE MAY RESULT.

Skin Contact: SKIN IRRITANT. IRRITATION CAN OCCUR FROM CONTACT WITH CONCENTRATED PRODUCT OR FROM PROLONGED CONTACT WITH DILUTED PRODUCT. REPEATED OR PROLONGED EXPOSURE TO DILUTED PRODUCT MAY LEAD TO DERMATITIS.

Inhalation: NO HEALTH EFFECTS ARE KNOWN TO OCCUR FROM INHALATION OF THIS PRODUCT UNDER NORMAL USE IN A WELL VENTILATED AREA. HIGH AIRBORNE CONCENTRATIONS OF MISTS OR SPRAYS OF THIS PRODUCT MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT.

Ingestion: INGESTION OF THIS PRODUCT MAY CAUSE DAMAGE TO THE MEMBRANES OF THE MOUTH, THROAT, AND GASTROINTESTINAL TRACT WHICH THE PRODUCT CONTACTS. BURNS OF THE MOUTH AND THROAT, NAUSEA, VOMITING, CRAMPS, AND DIARRHEA MAY OCCUR.

Primary Route(s) of Entry: EYES, SKIN

THE ISOPROYL ALCOHOL LISTED IN SECTION 2 IS NOT LISTED ON THE OSHA, NTP OR IARC MONOGRAPH CARCINOGEN LISTS.

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SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

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Eye Contact: IMMEDIATELY FLUSH THE EYE WITH LARGE QUANTITIES OF RUNNING WATER FOR A MINIMUM OF 15 MINUTES. HOLD THE EYELIDS APART DURING THE IRRIGATION TO ENSURE FLUSHING OF THE ENTIRE SURFACE OF THE EYE LID WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Skin Contact: FLUSH THE EFFECTED AREA WITH LARGE QUANTITIES OF RUNNING WATER WHILE REMOVING CONTAMINATED CLOTHES AND SHOES. WASH CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Inhalation: REMOVE FROM CONTAMINATED AREA. IF SYMPTOMS OF RESPIRATORY DISCOMFORT PERSISTS, GET MEDICAL ATTENTION.

Ingestion: REQUIRES IMMEDIATE MEDICAL MANAGEMENT. DRINK MILK OR WATER AND GET MEDICAL ADVICE. VOMITING SHOULD BE INDUCED ONLY ON RECOMMENDATION OF MEDICAL PERSONNEL.

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SECTION 9. SPECIAL PROTECTION INFORMATION

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Respiratory Protection: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

Ventilation: ROOM VENTILATION IS ADEQUATE.

Protection Gloves: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

Eye Protection: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

Other Protective Clothing/Equipment: WHERE GROSS EYE OR SKIN CONTACT MAY OCCUR, USE APPROPRIATE PROTECTIVE EQUIPMENT.

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SECTION 10. ADDITIONAL INFORMATION AND PRECAUTIONS

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Handling and Storage Precautions: STORE IN A COOL DRY PLACE. REPLACE CAP AFTER USE. KEEP OUT OF REACH OF CHILDREN.

SARA TITLE III H&P RATINGS: Acute, YES; Chronic, NO; Fire, YES;  
Press. Release, NO; Reactive, NO  
NFPA RATINGS: HEALTH -1 FIRE -3 REACTIVITY -0 SPECIFIC -0

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SECTION 11. REGULATORY CLASSIFICATIONS

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HM-181 PROPER SHIPPING NAME (DOT):  
HM-181 DESCRIPTION (DOT):  
UN NUMBER:  
OTHER:

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THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REPRESENTS THE LATEST DATA AND BEST OPINION AS TO THE PROPER USE AND HANDLING OF THIS PRODUCT UNDER NORMAL CONDITIONS. ANY USE OF THIS PRODUCT OR METHOD OF APPLICATION WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET AND THE PRODUCT LABEL DIRECTIONS, IS THE RESPONSIBILITY OF THE USER. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION REGULATION.