

PINE OIL CLEANER

DESCRIPTION: An economical multipurpose concentrate made from the highest quality pine oils. Use to clean and deodorize floors, walls, toilets, counters, garbage cans, bathrooms, woodwork, pet areas, and other surfaces not harmed by water.

DIRECTIONS: Dilute Pine Oil Cleaner 2oz. per gallon of water to clean & deodorize. For use in washing machine to boost cleaning power and deodorize laundry, add one cup full.

SPECIFICATIONS:

Appearance.....	Amber Liquid
Fragrance.....	Pine Fragrance
pH(use dilution).....	7.0 (neutral)
Petroleum Solvents.....	None
Biodegradable.....	YES
Packaging.....	4/1gal containers Drums-special order

C.M. Tanner Grocery Company
421 Maple Street
Carrollton, Ga. 30117
(800)449-4444 * (770)832-6381

NFPA HAZARD RATINGS: HEALTH-0 FLAMMABILITY-0 REACTIVITY-0 PAGE 1 OF 2
4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT
MATERIAL SAFETY DATA SHEET
COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200)

SECTION I: MANUFACTURER/SUPPLIER PRODUCT IDENTIFICATION

C.M. TANNER GROCERY COMPANY
421 MAPLE STREET
CARROLLTON, GA. 30117
EMERGENCIES: (770)832-6381
24 HOUR TRANSPORTATION EMERGENCY NO.:
PINE OIL CLEANER
PROD #313
DATE: 10/28/96

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS CHEMICAL IDENTITY;COMMON NAMES CAS#	EXPOSURE LIMITS ACGIH/TLV TWA STEL	OSHA/PEL		%
		TWA	STEL	
ISOPROPYL ALCOHOL 67-63-0	400PPM 500PPM	400PPM	500PPM	
POTASSIUM HYDROXIDE 1310-58-3	2mg/m3	2mg/m3		<2%

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 212 F
VAPOR PRESSURE (mm hg): N/A
VAPOR DENSITY, (AIR=1): N/A
SOLUBILITY IN WATER: COMPLETE
APPEARANCE AND ODOR: AMBER, PINE ODOR
SPECIFIC GRAVITY (WATER=1) 1.02
MELTING POINT: N/A
EVAPORATION RATE (BUTYLACETATE=1): N/A
pH: 10.8

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT, (METHOD USED): N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: CO2, WATER FOG, DRY CHEMICAL, FOAM
FIRE FIGHTING PROCEDURES: KEEP DRUMS COOL TO PREVENT RUPTURE DUE TO STEAM BUILDUP
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
LEL: N/A UEL: N/A

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE CONDITIONS TO AVOID: NONE
INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY-SIGNS AND SYMPTOMS	EMERGENCY AND FIRST AID
INHALATION: NOT EXPECTED TO BE AN IRRITANT	REMOVE TO FRESH AIR
SKIN: PROLONGED EXPOSURE TO CONCENTRATED PRODUCT MAY CAUSE DRYNESS	WASH AREA WITH SOAP AND WATER, IF IRRITATION PERSISTS CALL PHYSICIAN
EYES: WILL CAUSE IRRITATION	FLUSH WITH WATER FOR 15MIN IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION
INGESTION: MAY CAUSE GASTRIC DISTRESS, DIARRHEA.	GIVE 2 GLASSES OF WATER TO DILUTE AND SEEK MEDICAL ATTENTION

HEALTH HAZARDS (ACUTE AND CHRONIC):
ACUTE: EYE IRRITATION, CAN IRRITATE PREEXISTING SKIN CONDITIONS
CHRONIC: NO KNOWN CHRONIC EFFECTS
CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PREEXISTING SKIN. EYE DISORDERS.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

SMALL SPILLS: CONFINE SPILL, SOAK UP WITH APPROVED ABSORBANT, WASH RESIDUES DOWN SANITARY SEWER.
LARGE SPILLS: CONFINE SPILL, SOAK UP WITH APPROVED ABSORBANT AND DISPOSE OF PROPERLY.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM EXTREME TEMPERATURES.
OTHER PRECAUTIONS: MINIMIZE BODY CONTACT WITH THIS PRODUCT AS WITH ALL CHEMICALS.

SECTION VIII: CONTROL MEASURES

RESPIRATOR PROTECTION: NONE REQUIRED
VENTILATION: NONE REQUIRED PROTECTIVE GLOVES: RUBBER (PROLONGED CONTACT WITH CONCENTRATE)
EYE PROTECTION: NOT REQUIRED FOR NORMAL USE
OTHER PROTECTIVE EQUIPMENT: SAFETY EYEBATH NEARBY,
WORK/HYGIENIC PRACTICES: EXHIBIT NORMAL SAFE WORKPLACE HABITS

SPECIAL PRECAUTIONS / OTHER COMMENTS

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.