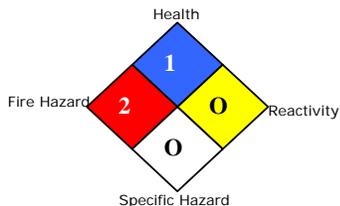




SKILCRAFT Pine Oil 60%, Disinfectant, Detergent

Material Safety Data Sheet

National Fire Protection Association (NFPA)



Hazardous Material Information System (HMIS)

Health	1
Fire Hazard	2
Reactivity	0

Protective Clothing



Emergency

Overview: Dark Yellow, liquid. See Section 9.

Section 1. Chemical Product and Company Identification

Product Name: SKILCRAFT PINE OIL, 60% Product Use: Concentrated pine oil disinfectant, detergent cleaner.	IN CASE OF EMERGENCY: CHEM-TEL: 800-255-3924 MSDS#: 7904/3129/8346 Supersedes: All before 1/05
The Lighthouse of Houston 3530 West Dallas Houston, TX 77019 Phone: 713-526-8251 MSDS Internet Address: www.thelighthouseofhouston.org	NSN: 6840-00-687-7904 Quart 6840-00-584-3129 Gallon 6840-00-551-8346 Drum UNIT OF ISSUE: QT = 24/Case Gal = 6/Case Drum = 1/ea GSA Contract#: GS-07F-P0060 CAGE#: 1A862 EPA Registration: 34160-5

Section 2. Composition and Information on Ingredients

Ingredients	CAS#	% by Wt	Exposure Limits	LC50/LD50
Pine Oil (Terpene Alcohol)	8002-09-3	60.00%	Not available.	Not Established
Isopropanol	67-63-0	3.00%	400 ppm	ACGIH 400 ppm TWA, ACGIH 500 ppm STEL
Sodium Hydroxide	1310-73-2	<2.00%	Not available.	OSHA PEL 2 mg/m3, ACGIH TLV 2 mg/m3 (ceiling)
Tall Oil Fatty Acid	61790-12-3	10-11%	Not available.	Not Established

Section 3. Hazards Identification

Routes of Entry. Inhalation. Skin contact. Eye Contact.

Eyes: Flush immediately with water for at least 15 minutes. Call a physician.

Skin: Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, call a physician.

Inhalation: Remove exposed person to fresh air. Treat symptomatically. Call a physician.

Ingestion: Drink large quantities of milk or water. Call a physician. **DO NOT INDUCE VOMITING.**

Medical Conditions Aggravated by Overexposure:

Note: This product is essentially a combination of soap and pine oil which causes minimal ill effects when used as such. May be allergenic to some users. No ill effects have been noted from long term use of this product when used as directed. Usual caution should be exercised to prevent long term skin contact or any eye contact. Prolonged contact may cause skin rash or contact dermatitis. See Toxicological Information (section 11).

Section 4. First Aid Measures

Remove any contact lenses at once. Flush eyes well with large quantities of water for 20-30 minutes. See a physician immediately.

Eyes:

Skin: Rinse with plenty of water. If irritation develops, get medical attention.

Inhalation: If symptoms of over-exposure are experienced, evacuate to fresh air. If symptoms persist, seek medical attention.

Ingestion: Do NOT induce vomiting. Drink 2-3 glasses of milk and consult physician immediately.

Section 5. Fire Fighting Measures

Flammability of the Product None known.

Flash Points: 170 Degree F (77 Degree C)

Products of combustion CO, CO2 and other hydrocarbons.

Fire Fighting Media and instructions Extinguish with regular foam, CO2, Dry Chemical (Class B).

Special Remarks on fire and Explosion Hazards: None known.

Section 6. Accidental Release Measures

Personal Precautions: Put on appropriate personal protective equipment (see Section 8).

Environmental Precautions: Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance contact the US EPA.

Section 7. Handling and Storage

Handling: INDUSTRIAL USE ONLY. EPA Registration#: 34160-5

Storage: Keep away from sparks and open flame. Keep in original container only. Store separately from pesticides, fertilizer and food. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls: Eye, skin and mucous membrane irritation. Harmful if swallowed. Inhalation may cause nausea. Toxic in large doses if swallowed. Kidney damage.

Personal Protection:

Eyes: Chemical splash type goggles to avoid eye contact.

Hands: If needed rubber or vinyl gloves to avoid skin irritation.

Respiratory: Use chemical type respirator if needed to keep level below TLV.

Feet: No special requirements under normal use conditions.

Body: No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State: Liquid

Odor: Pine type.

Color: Straw yellow to dark amber.

pH: 10.5

Specific Gravity: 0.945

Melting/Freezing Point: 0°C (32°F)

Viscosity: 46

Percent Volatile: 77% @ 212 Degree F

Boiling Range: 365 Degree F (185 Degree c)

Solubility in water: Complete

Section 10. Stability and Reaactivity

Stability: This product is stable.

Conditions of instability: Keep from freezing.

Incompatibility with Various Substances: Avoid mixing with : Oxidizing agents.

Hazardous Decomposition Products: Oxides of carbon, hydrocarbons, degraded alcohols and terpene hydrocarbons.

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Acute Toxicity: None known

EffectsChronic

Toxicity: None known

Other Toxic Effects: None known

Section 12. Ecological information

Not Available

Section 13. Disposal Considerations

Product Disposal: Follow all applicable local, state, and federal guidelines.
Follow all applicable local, state, and federal guide. DO NOT REUSE
Container Disposal: EMPTY CONTAINER. Wrap and discard in trash.

Section 14. Transport Information

DOT CLASSIFICATION

Consumer Commodity ORM-D (exempt from labeling and shipping paper requirements per CFR 49, Sec 173.150©.

DOT Proper Shipping Name:

TDG CLASSIFICATION

TDG Proper Shipping Name: Cleaning, washing, buffing or polishing compounds, Liquid.

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2.

US Regulations

Federal, State & International Regulations - Part A97				
-SARA 302- SARA 313				
Ingredient	RQ	TPQ	List	Chemical Catg.
Sodium Hydroxide (1310-73-2)	No	No	No	No

Federal, State & International Regulations - Part 2				
-RCRA- -TSCA-				
Ingredient	CERCLA	261.33	8(d)	
Sodium Hydroxide (1310-73-2)	1000	No	No	

Registered Product Information: Not applicable.

Chemical Inventory Status: All ingredients of this product are listed or are excluded from listing on the US Toxic Substances ACT (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations: Not Available

Version: 1.01

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