

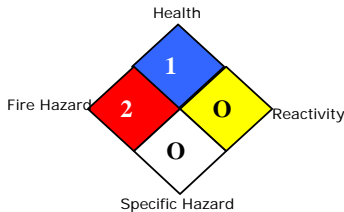


SKILCRAFT

Pine Oil 19.9%, Disinfectant, Detergent

Material Safety Data Sheet

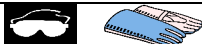
National Fire Protection Association (NFPA)



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, 19.9%
Product Use: Concentrated pine oil disinfectant, detergent cleaner.

IN CASE OF EMERGENCY:
CHEM-TEL: 800-255-3924
MSDS#: 4143
Supersedes: All before 01/08

The Lighthouse of Houston
 3530 West Dallas
 Houston, TX 77019
 Phone: 713-526-8251
 MSDS Internet Address:
www.thelighthouseofhouston.org

NSN: 6840-01-342-4143 Liter
UNIT OF ISSUE: LT = 24/Case
GSA Contract#: GS-07F-P0060
CAGE#: 1A862
EPA Registration: 11668-17-34160
 EPA Est.: 34160-TX-001

Section 2. Composition and Information on Ingredients

<u>Ingredients</u>	<u>CAS#</u>	<u>% by Wt</u>	<u>Exposure Limits</u>	<u>LC50/LD50</u>
Pine Oil (Terpene Alcohol)	8002-09-3	19.9%	Not available.	Not Established
Isopropanol	67-63-0	10.5%	400 ppm	ACGIH 400 ppm TWA, ACGIH 500 ppm STEL
Sodium Hydroxide	1310-73-2	<2%	Not available.	OSHA PEL 2 mg/m3, ACGIH TLV 2 mg/m3 (ceiling)
Tall Oil Fatty Acid	61790-12-3	<15	Not available.	Not Established

Section 3. Hazards Identification

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

- Eyes: May cause eye irritation, possibly severe with unprotected exposure.
- Skin: May cause skin irritation, prolonged exposure may result in contact dermatitis.
 May cause nose and throat irritation, may aggravate existing allergies and upper respiratory conditions.
- Inhalation: May cause nose and throat irritation, may aggravate existing allergies and upper respiratory conditions.
- Ingestion: May be toxic if swallowed in large doses. It is unlikely in normal use for ingestion to occur.

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

- Eyes: Remove any contact lenses at once. Flush eyes well with large quantities of water for 20-30 minutes. See a physician immediately.
- Skin: Rinse with plenty of water. If irritation develops, get medical attention.
 If symptoms of over-exposure are experienced, evacuate to fresh air. If symptoms persist, seek 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	
<u>Flammability of the Product</u>	Concentrated material is flammable.
<u>Flash Points:</u>	93 Degree F (34 Degree C TCC)
<u>Products of combustion</u>	CO, CO2 and other hydrocarbons.
<u>Fire Fighting Media and instructions</u>	Extinguish with regular foam, CO2, Dry Chemical (Class B). Fire should only be fought by trained response employees.
<u>Special Remarks on fire and Explosion Hazards:</u>	Follow all established emergency procedures in the event of a fire. No specific fire or explosion data has been determined from proper use of this material.
Section 6. Accidental Release Measures	
<u>Personal Precautions:</u>	Always wear appropriate personal protective equipment (see Section 8) such as gloves & goggles.
<u>Environmental Precautions:</u>	Do not discharge into lakes, streams, ponds or public waterways. For proper disposal information contact local, state or federal authorities.
Section 7. Handling and Storage	
<u>Handling:</u>	INDUSTRIAL USE ONLY. EPA Registration#: 11668-17
<u>Storage:</u>	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:	May cause eye, skin and mucous membrane irritation. May cause illness or be harmful if swallowed. Inhalation may cause nausea. Ingestion is unlikely in normal use and may be toxic if swallowed in large doses. Ingestion may cause kidney damage.
Personal Protection:	
<u>Eyes:</u>	Chemical splash type goggles to avoid eye contact.
<u>Hands:</u>	If needed rubber or vinyl gloves to avoid skin irritation.
<u>Respiratory:</u>	Use chemical type respirator if needed to keep level below TLV.
<u>Feet:</u>	No special requirements under normal use conditions.
<u>Body:</u>	No special protective clothing is required.
Section 9. Physical and Chemical Properties	
<u>Physical State:</u>	Liquid
<u>Odor:</u>	Pine type.
<u>Color:</u>	Straw yellow to dark amber.
<u>pH:</u>	10.5-11.0
<u>Specific Gravity:</u>	0.962
<u>Melting/Freezing Point:</u>	0°C (32°F)
<u>Viscosity:</u>	22
<u>Percent Volatile:</u>	77% @ 212 Degree F
<u>Boiling Range:</u>	200-220 Degree F
<u>Solubility in water:</u>	Complete
Section 10. Stability and Reaactivity	
<u>Stability:</u>	This product is stable under recommended use and storage.
<u>Conditions of instability:</u>	
<u>Incompatibility with Various Substances:</u>	Avoid mixing with : Oxidizing agents.
<u>Hazardous Decomposition Products:</u>	Oxides of carbon, hydrocarbons, degraded alcohols and terpene hydrocarbons.
<u>Hazardous Polymerization:</u>	Will not occur.
Section 11. Toxicological Information	
<u>Acute Toxicity:</u>	None known
<u>EffectsChronic Toxicity:</u>	None known
<u>Other Toxic Effects:</u>	None known
Section 12. Ecological information	
Not Available	

Section 13. Disposal Considerations

Product Disposal: Follow all applicable local, state, and federal guidelines.

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

Section 14. Transport Information

DOT CLASSIFICATION

DOT Proper Shipping Name: Pine Oil, 3, UN1272, PG III
(Exemption: CFR49, Sec. 173.150)

TDG CLASSIFICATION

TDG Proper Shipping Name: Pine Oil, 3, UN1272, PG III

Note: Always check with your shipping department for proper packaging and shipping papers for this product.

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: EPA Registration: 11668-17

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: 1.02

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