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# MSDS HTF-40

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## Tarksol HTF-40

# Material Safety Data Sheet

**Trade Name:** Tarksol HTF-40

**Manufacturer:** Tarksol, Inc

3400 Ridge Road West,  
S-300

Rochester, New York 14626

Tel: 585-663-3346

Fax: 585-621-2303

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**Date of M.S.D.S.:** 2/12/99

## SECTION 1 - IDENTIFICATION

**Trade Name:** Tarksol HTF-40 / SC-4000

**Chemical Family:** Terpene Alcohol Microemulsion

**Formula:** Trade Secret (see Section II - Hazardous Ingredients)

**DOT Shipping Information:** Not Regulated

**CAS Number:** Not Applicable

**NFPA Designation:** This product has not been rated by the NFPA. The Tarksol Company has developed the following rating in accordance with the guidelines listed in NFPA 704, "Identification System-Fire Hazardous of Materials, 1985".

**Hazard Rating:**

		Health: 1
4 - Extreme	1 - Slight	Flammability: 0
3 - High	0 - None	Reactivity: 0
2 - Moderate	X - Blank	Specific: X

**SECTION II - HAZARDOUS INGREDIENTS**

<b>Material:</b>	<b>% By Weight</b>	<b>CAS Number</b>	<b>LC50 / LD50 of Material</b>
NONE-Hazardous			


Carcinogenicity Status: NTP-No OSHA-No

**Trade Secret Information\***

\* This product's specific chemical identify is being withheld as a trade secret and is withheld in accordance with the provisions of **CFR 1910.1200**.

**SECTION III - PHYSICAL DATA**

<b>Appearance:</b>	Clear Liquid
<b>Odor:</b>	Very faint liliac/pine odor
<b>pH:</b>	6.5 - 7.5
<b>Viscosity (cps.)</b>	11.7 cps
<b>% Volatile:</b>	N/A
<b>Solubility in Water:</b>	Complete
<b>Specific Gravity (Water=1):</b>	1.047
<b>Vapor Density (Air=1):</b>	2.682 g/l
<b>Vapor Pressure (mm Hg):</b>	<0.3747 Hg @ 25 deg C.

## SECTION IV - FIRE AND EXPLOSION

<b>Flash Point:</b>	None to Boiling (T.C.C.)
<b>Auto Ignition Temperature:</b>	N/A
<b>Flammable Limits in Air (g/l)</b>	LEL= 0.09 UEL=0.55
<b>Extinguishing Media:</b>	Dry chemical (sodium bicarbonate), foam or CO <sub>2</sub>
<b>Special fire Procedures:</b>	Use blanket or smothering effect to put out the fire. Water is most effective when used as a mist or spray. Class B fire procedure.

## SECTION V - HEALTH HAZARD INFORMATION

**Medical Conditions Aggravated by Exposure:** Dermatitis or Skin Conditions

### Routes of Exposure:

**Inhalation-** May cause irritation to mucus membrane

**Skin Contact-** May cause irritation or dermatitis

**Skin Absorption-** May cause irritation or dermatitis

**Eye Contact-** May cause stinging or burning

**Ingestion-** May cause irritation to the digestive system

**Effects of Acute Over  
Exposure:**

**Swallowing-** May cause irritation in the digestive system

**Skin Contact-** May cause irritation or dermatitis

**Inhalation-** May cause irritation to mucus membrane

**Eye Contact-** May cause stinging or burning

**Effects of Chronic Over  
Exposure:**

**Eye-** May cause eye damage

**Skin-** May cause dermatitis

**Emergency First Aid  
Procedures:**

**Eyes-** If in eyes, flush with plenty of water for at least 15 minutes. Get medical attention.

**Skin-** If on skin, immediately remove contaminated clothing and wash skin thoroughly with soap and water. If irritation persists call a physician.

**Inhalation-** If inhaled, remove to area of fresh air. If irritation persists, call a physician.

**Ingestion-** If swallowed, do not induce vomiting. Drink large quantities of milk or water. Never give anything by mouth to an unconscious person. Call a physician or the Poison Control Center.

**SECTION VI - REACTIVITY DATA**

**Conditions Contributing to Instability:** This product is stable under normal conditions.

**Incompatibility:** Strong oxidizing agents.

**Decomposition Products:** None Known

**Conditions Contributing to Hazardous Polymerization:** Will not occur

## SECTION VII - SPILL OR LEAK PROCEDURES

**Steps to be taken if Material is Released or Spilled:** Clean up personal must wear proper protective equipment. Reclaim material into closed containers for possible normal use or disposal. Dike all spills.

**Waste Disposal:** Virgin material is not regulated by the Resource Conservation and Recovery Act (RCRA) (40CFR part 260-261).

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**Ventilation Requirements:** None Required

**Special Personal Protective Equipment:**

**Respiratory-** If needed, use NIOSH approved organic vapor respirator.

**Eyes-** Chemical splash goggles and / or face shield.

**Gloves-** Chemical resistant gloves.

**Other-** When handling large quantities, use of rubber apron and rubber boots is also recommended. Safety showers and eye wash facilities should be readily available. Wash thoroughly after handling.

## SECTION IX - SPECIAL PRECAUTIONS

**Precautions to be taken in Handling:** Do not get in eyes.

**Proper Storage, Handling and Disposal Requirements:** Store in cool dry area. Keep container closed when not in use. Store away from strong oxidizing agents. **CAUTION: KEEP OUT OF REACH OF CHILDREN.**

**Other Precautions:** Prolonged contact with skin may cause chapping. Wear rubber or plastic gloves, chemical splash goggles and rubber apron when handling this product. Use in well ventilated area. Respiratory protection is not normally required. If needed, use NIOSH approved organic vapor respirator. The availability of eye washes and safety showers in work areas is recommended.

## Regulatory Information

All ingredients are included in the Toxic Substance Control Act (TSCA) Inventory of Chemical Substances.

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