# **UNITED 394**



## MATERIAL SAFETY DATA SHEET

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To Reorder Call: 800-323-2594

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## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
USE/DESCRIPTION
UNITED 394 DRAIN MAINTAINER
Slime & Grease Cutter

FOR MEDICAL AND TRANSPORTATION EMERGENCIES 24 Hour INFOTRAC (US and CANADA): **800-535-5053**REVISION DATE

September 29, 2011

## HMIS III HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

\* Chronic 2 Moderat 4 Severe 1 Slight 3 Serious 0 Minimal

See Hazards Identification Section of this MSDS

for more detailed information.

## Susceptible to Release of Energy.

PHYSICAL HAZARD (0 = Maximum Safety)

4 May detonate-vacate area if

materials are exposed to fire.

3 Strong shock of heat may detonate-use monitors from behind explosion resistant

2 Violent chemical change possible-use hose stream from distance

1 Unstable if heated-use precaution.

Normally stable.

## FLAMMABILITY (0 = Maximum Safety)

#### Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated to burn. 2 Ignites when moderately heated. 0 Will not burn.

## PERSONAL PROTECTION: B



# 2. COMPOSITION/INFORMATION ON INGREDIENTS

			ACGIH	OSHA	LD50	LC50
Hazardous Ingredients	CAS#	%Range	(TLV-TWA)	(PEL-TWA)	(Species/Route)	(Species)
d-1,8(9)-p-menthadiene	5989-27-5	80-90	NE	NE	4400 mg/kg (Rat/oral)	NE

## 3. HAZARDS IDENTIFICATION

Eyes: May cause irritation.

Skin: May cause mild irritaton. Prolonged or repeated contact may dry or defat skin leading to inflammation.

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Inhalation: Breathing vapors may irritate nose, throat and lungs.

Ingestion: Possible aspiration hazard; may cause inflammation of the lungs.

#### 4. FIRST AID MEASURES

Eyes: Immediately flush with plenty of cool water for at least 15 minutes. Get prompt medical attention.

**Skin:** Wash with soap and plenty of water. If symptoms develop, seek medical attention.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

**Ingestion:** DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, have victim lean forward to reduce risk of aspiration.

## 5. FIRE FIGHTING MEASURES

Flash Point (TCC): 115-125F/47-52 C

Explosive Limits: Lower (LEL): 0.7% Upper (UEL): 6.1%

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon.

**Fire and Explosion Hazards:** Rags soaked with this product may spontaneously ignite; to avoid this danger, used rags should be soaked with water and/or stored in a container full of soapy water. In a fire, closed containers of this product may burst or rupture due to pressure build-up, greatly increasing the fire hazard.

Extinguishing Media: Dry chemical; Foam; Carbon dioxide (Do not use water except as a mist or foam, as it may spread the burning.)

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up.

#### 6. ACCIDENTAL RELEASE MEASURES

Small Spills: Soak up with an inert absorbent and place in designated disposal container. Rinse area thoroughly.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal

container. Rinse area thoroughly.

#### 7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in a cool, dry, well-ventilated area away from sources if ignition.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or safety goggles are recommended. Skin: Chemical resistant gloves are recommended.

Respiratory: None required if good ventilation is maintained.

Engineering Controls: Mechanical ventilation recommended when handling in enclosed/tight spaces.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 0.865 (H2O=1) Vapor Pressure: 1 mmHg **Boiling Point:** 347F/175C Melting Point: ND

Boiling Point: 347F/175C Specific Gravity: 0.865 (H2O Vapor Density: 4.7(Air=1) Evaporation Rate: <1 (BA=1) Solubility in Water: Miscible pH: NA

Appearance and Odor: Clear liquid with pale amber color and citrus scent.

#### 10. STABILITY AND REACTIVITY

Hazardous Polymerization: NA

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce oxides of carbon.

Chemical Stability: Stable

Incompatibility: Oxidizing agents such as bleach; Strong acids

#### 11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth

defects or other reproductive harm? None

#### 12. ECOLOGICAL INFORMATION

ND

### 13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

#### 14. TRANSPORT INFORMATION

DOT: Available upon request. TDG: Available upon request. UN: Available upon request.

## 15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): <90% TSCA (Toxic Substances Control Act): Listed SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

#### 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

PREPARED BY: Sandy Kopacz

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