



# MATERIAL SAFETY DATA SHEET

## ULTRASONIC WEAPON LUBRICATING SOLUTION

PCN(s): 276

Publication Date: 11/30/05

REV: E

### 1. SUPPLIER AND EMERGENCY INFORMATION

L&R Manufacturing Company  
577 Elm Street, P.O. Box 607  
Kearny, NJ 07032 - 0607 USA

Product Information  
Call: 201-991-5330

Emergency Phone Numbers:  
For emergencies involving a spill, leak,  
fire or accident contact:  
CHEMTREC - 800-424-9300  
within the United States or  
703-527-388 for international collect calls

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Stoddard Solvent	8052-41-3	40 -50
VM&P Naphtha	8032-32-4	10 -15
Polydimethylsiloxanes	63148-62-9	10-15
Mineral Oil	8030-30-6	10- 20
Xylene	1330- 20 -9	1 - 5

### 3. HAZARDS IDENTIFICATION

**Physical appearance and odor:** Clear green with characteristic odor.

**A: Warning Statement:**

Good industrial hygiene practices should be used when handling this material.

**Acute Eyes:** Direct contact causes irritation, redness and possible tearing.

**Acute Skin:** Prolonged or repeated contact causes redness, and drying and of the skin.

**Acute Inhalation:** Breathing high concentrations of vapors or mists may cause irritation to the nose and drowsiness.

**B: POTENTIAL HEALTH EFFECTS:**

**Acute Ingestion:** Not known, but expected to cause nausea and diarrhea.

**Chronic Effects:** This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

### 4. FIRST AID MEASURES

**Eye Exposure:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

**Skin Exposure:** Wash thoroughly with water. If irritation or redness develops, seek medical attention

**Inhalation:** If respiratory irritation or distress occurs move victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

**Ingestion:** If large quantities are ingested ( more than 5 ounces in and adult ) induce vomiting, preferably with syrup of Ipecac under the direction of a physician or poison center.

**MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:** Skin contact may aggravate existing skin disease.

### 5. FIRE FIGHTING MEASURES

**FIRE HAZARD DATA:** FLASH POINT: 81 - 83 °F

**METHOD USED:** Tag Closed Cup

**Flammability limits ( vol/vol% ) :** Lower: No Data Upper: No Data

**Extinguishing Media:** Extinguish with dry chemical, CO<sub>2</sub> or a BC/ABC extinguisher.

**Special Fire Fighting Procedures:** None known

**Unusual Fire and Explosion Hazards:** Product will burn under fire conditions. Closed containers may explode due to build up of pressure when exposed to extreme heat.

**Hazardous Decomposition Materials:** (under fire conditions) Oxides of nitrogen and carbon.

### 6. ACCIDENTAL RELEASE MEASURES

**Cleanup and Disposal of Spill:** Ventilate area of spill. Use non-reactive material to pick up spill. Dispose of in accordance with local, state and federal regulations .

**Environmental and Regulatory Reporting:** Not required

### 7. HANDLING AND STORAGE

**Minimum/Maximum Storage Temperatures:** 39 to 100 °F.

**HANDLING:** AVOID CONTACT WITH SKIN, EYES OR CLOTHING

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**General:** These recommendations provide general guidance for handling of this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. When developing safe handling procedures, do not overlook the need to clean and dispose of the material. Waste resulting from the use of this product should be handled in accordance with Section 13: Disposal Considerations.

**Exposure Guidelines:** Exposure limits are recommended worker breathing limits. The following limits apply to this material:

INGREDIENTS	LIMITS	INGREDIENTS	LIMITS
Stoddard Solvent	100 ppm OSHA/ TWA	Polydimethylsiloxane	None established
VM&P Naphtha	300 ppm OSHA/ ACGIH TWA	Mineral oil	None established
Xylene	100 ppm ACGIH TWA		

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION, CONTINUED

**Engineering Controls:** Normal room ventilation.

**Respiratory Controls:** For reasonable uses of this material respiratory protection should not be necessary.

**Eye/Face Protection:** Safety glasses to protect from splashing.

**Skin Protection:** Rubber or plastic gloves to avoid drying and irritation to the skin.

**Work Practice Control:** Normal hygiene in the work area should be taken when working with or handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Appearance:** Clear Green liquid

**Freezing Point Range:** Not established

**Odor:** Bland solvent

**Boiling Point:** > 212° F

**pH:** Not established

**Vapor Pressure:** N/E

**Specific Gravity:** 0.81

**Vapor Density:** N/E

**Water Solubility:** Nil

**Percent Volatile:** Approx. 90%

**Melting Point Range:** N/A

**V.O.C. (Calculated):** 6.28 lbs/gal or 752.6 g/l

## 10. STABILITY AND REACTIVITY

### Chemical Stability:

This material is stable under normal handling and storage conditions as described in Section 7.

**Conditions to be avoided:** Heat, open flame.

**Materials/Chemicals to be avoided:** Strong acids

**Decomposition type:** Thermal Oxides of carbon and nitrogen

**Hazardous Polymerization:** WILL NOT OCCUR

**Avoid the following to inhibit hazardous polymerization:** NOT APPLICABLE

## 11. TOXICOLOGICAL INFORMATION

**Acute Eye Irritation:** Irritating to eyes.

**Acute Skin Irritation:** No test data found for product.

**Acute Dermal Toxicity:** No test data found for product.

**Acute Respiratory Irritation:** No test data found for product.

**Acute Inhalation Toxicity:** No test data found for product.

**Acute Oral Toxicity:**

**LD50 (rat) = > 5gm/kg for Stoddard Solvent**

**LD50 (rat) = 2840 mg /kg for polydiethylsiloxanes**

**LD50 (rat) = > 5 gm/kg for VM&P Naphtha**

**LD50 (rat) = 4300 mg/kg for xylene**

**TD lo (rat) = 92 gm / kg for mineral oil**

**Chronic Toxicity:** This product does not contain any substances that are considered by OSHA, NTP, IARC OR ACGIH to be a probable or suspected human carcinogens. No additional test data was found for this product

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** No data found.

## 13. DISPOSAL CONSIDERATIONS

This material is a flammable liquid and must be disposed in accordance with all local, state and federal regulations.

IT CAN NOT BE DISPOSED OF IN A SANITARY SEWER SYSTEM.

## 14. TRANSPORTATION INFORMATION

This product is classified as a flammable liquid for domestic shipments per 49 CFR . For domestic ground shipments of container of 1 gallon or less, this material is listed as ORM-D. For all other containers : COMPOUNDS, CLEANING LIQUID

(Contains Naphtha, Petroleum), 3 , NA 1993, Packing group III. Do not stack cartons more than five high.

## 15. REGULATORY INFORMATION

**Inventory Issues:** All components of this product are listed on the U.S. TSCA, Canadian DSL, European EINECS/ELINS chemical listings.

## 16. OTHER INFORMATION

National Fire Protection Association

Hazard Rating, NFPA

Health

Flammability

Reactivity

General

2

3

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### MSDS CHANGES

### DESCRIPTION OF CHANGE

REV

DATE

Reissued

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11/30/05

**Disclaimer:** The information herein is given in good faith but no warranty expressed or implied is made.

Prepared By: L&R Manufacturing Company Date: 02/09/99

Product Name: **ULTRASONIC WEAPON LUBRICATING SOLUTION**