



MATERIAL SAFETY DATA SHEET

Safety Ultrasonic Weapon Lubricating Solution

Product Code: 212

Publication Date: 2/02/06

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
Aliphatic Hydrocarbon	64742-88-7	93-98
Polydimethylsiloxane	63148-62-9	1-2
White Oil	8042-47-5	1-5
Blue dye mixture	N/A	0.05

3. HAZARDS IDENTIFICATION

Physical appearance and odor: Clear blue solution with slight hydrocarbon solvent odor.

A: Warning Statement:

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

Acute Eyes: Direct contact may cause mild irritation, redness and possible tearing.

Acute Skin: Prolonged or repeated contact may cause drying and of the skin.

Acute Inhalation: Breathing small amounts of this material during normal handling is not likely to cause harmful effects.

B: POTENTIAL HEALTH EFFECTS:

Acute Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects.

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: Seek immediate medical attention. Contact a physician, medical facility, or Poison control center for advice whether to induce vomiting.

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

5. FIRE FIGHTING MEASURES

FIRE HAZARD DATA: **FLASH POINT:** 143-150 °F

METHOD USED: Tag Closed Cup

Flammability limits (vol/vol%): Lower: 1.0 Upper: 6.0 %

Extinguishing Media: Extinguish with dry chemical, CO₂ or regular foam.

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: Product will ignite under fire conditions. Closed containers may burst 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: Store at normal room temperature

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:

<u>INGREDIENTS</u>	<u>LIMITS</u>	<u>INGREDIENTS</u>	<u>LIMITS</u>
Aliphatic hydrocarbon	None established	Polydimethylsiloxane	None established
White oil	None established		

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 blue liquid	Freezing Point Range: Not established
Odor: mild	Boiling Point: 355 °F
pH: Not established	Vapor Pressure: N/E
Specific Gravity: 0.79-0.80	Vapor Density: N/E
Water Solubility: Negligible	Percent Volatile: Approx. 90%
Melting Point Range: N/A	V.O.C. (calculated): 6.0 lbs./ gal or 720 grams / 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: 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: May be 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: LD 50(rat) = none established for aliphatic petroleum distillates

LD50 (rat) = 2840 mg /kg for polydiethylsiloxanes

TD lo (rat) = 92 gm / kg for white 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

Dispose of in accordance with all applicable local, state and federal regulations.

THIS PRODUCT SHOULD NOT BE DISPOSED OF IN A SANITARY SEWER SYSTEM.

14. TRANSPORTATION INFORMATION

This product is not regulated per 49 CFR 172.101.

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, South Korea ECL and Australian ACOIN chemical listings.

CERLA RQ - 40 CFR 302.4 (a): NONE LISTED

SARA 313 COMPONENTS 40 CFR 372.65: NONE LISTED

OSHA PROCESS SAFETY MANAGEMENT 29 CFR 1910: NONE LISTED

EPA Accidental Release Prevention 40 CFR 68 : NONE LISTED

California proposition 65: NONE LISTED

EPA HAZARD CATEGORIES; NONE

16. OTHER INFORMATION

National Fire Protection Association

Hazard Rating, NFPA

Health

1

Flammability

2

Reactivity

0

Special

MSDS CHANGES

REV

E

DATE

February 2, 2006

DESCRIPTION OF CHANGE

Re-issue

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

Prepared By: L&R Manufacturing Company

Date: 1/02/2006

Product Name: Safety Ultrasonic Weapon Lubricating Solution