



Safety Data Sheet

1. Identification of Substance and Manufacturer:

#3 Watch Rinsing Solution PCN: 118,119,120

Use: Ultrasonic WATCH cleaning solution. To be used only for cleaning applications as specified.

Publication Date: 12/15/2017 REV: Q Product information call 201-991-5330 www.lrultrasonics.com

For emergencies involving a spill, leak fire or accident contact CHEMTREC 800-424-9300 within the United States or (01) 703-527-3887 (USA) for International collect calls.

2. HAZARDS IDENTIFICATION



WARNINGS! FLAMMABLE LIQUID AND VAPOR. MAY BE HARMFUL IF SWALLOWED.

CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. PROLONG OR REPEATED CONTACT MAY DRY THE SKIN AND CAUSE IRRITATION AND BURNS.

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

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

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Mineral Spirits Regular (C ₆ H ₆ < 0.1%), (Stoddard Solvent) (Mixture of aliphatic and alicyclic C7-C12 hydrocarbons with maximum content of 25% C7-C12 aromatic hydrocarbons)	8052-41-3	70-80
Solvent Naphtha Light Aliphatic (mixture consisting mainly of straight-chained and cyclic aliphatic having 5 to 9 carbons per molecule) having 5 to 9 carbons atoms per molecules.)	64742-89-8	20-30
The exact composition has been withheld as a trade secret.		

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. DO NOT INDUCE VOMITING.

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

5. FIRE FIGHTING MEASURES FIRE HAZARD DATA:

Suitable Extinguishing Media: Extinguish with dry chemical, CO₂ or a BC/ABC extinguisher.

Unsuitable Extinguishing Media: Do not use a solid stream of water, since the stream will scatter and spread the fire. Water spray may be used to keep fire exposed containers cool.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus (SCBA) approved for firefighting.

Unusual Fire and Explosion Hazards: 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 o 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

Mineral Spirits

LIMITS

100 ppm OSHA/ TWA 2

INGREDIENTS

Solvent Naphtha

LIMITS

300 ppm OSHA/ ACGIH TWA

Engineering Controls: Provide adequate 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:** Wear 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 State: Clear Liquid **Color:** Water White **Odor:** Bland Solvent **pH:** Not established **Specific Gravity:** 0.758
Odor Threshold: Not available **Water Solubility:** Not soluble **Melting Point Range:** Not applicable **Evaporation Rate:** 1
 Ethyl Ether **Freezing Point Range:** Not Established **Boiling Point:** 185 ° F **Partition Coefficient;** n-octanol / water: Not available
Vapor Pressure: 226.666 hPa @ 100 ° F/37.8 ° C **Decomposition Temperature:** Not available
Flash Point: 88°F (31°C) Method: Tag Closed Cup
Auto Ignition Temperature: Not available **Flammability limits (vol/vol %):** Lower: 1% Upper: 8%\n
Relative Vapor Density: (>) 1 Air=1
Percent volatile by volume: Approx. 100 % by volume **V.O.C. (calculated):** 5.67 lbs/gal or 679.7 g/l

10. STABILITY AND REACTIVITY

Chemical Stability: Stable **Conditions to be avoided:** Keep away from heat and open flames **Materials/Chemicals to be avoided:** Strong Acids, strong Oxidizing Agents **Hazardous Decomposition Products:** Thermal Oxides of carbon and nitrogen. **Possibility of Hazardous Reactions:** Will not occur

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): Mineral Spirits .> 5 gm/kg, Solvent Naphtha > 8,000 mg / kg This product does not contain any substances that are considered by OSHA, NTP, IARC OR ACGIH to be a probable or suspected human carcinogen. 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

For containers over one gallon and for export or air: Flammable liquid n.o.s. (Contains Naphtha, Petroleum), 3 UN 1993, Packing groups III. Limited Quantities for containers of one gallon or less shipped by domestic ground transportation. 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	Special
	1	3	0	--

MSDS Changes

<u>REV</u>	<u>DATE</u>	<u>DESCRIPTION OF CHANGE</u>
P	8/12/2014	SDS Format
Q	11/28/2017	Update