



# SAFETY DATA SHEET

## 1. Identification of Substance and Manufacturer:

Ellanar Silver Polish PCN: 168, 177

Use: Silver Polish

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

Publication Date 05/04/2018 Rev. K

Product information call 201-991-5330 [www.lrultrasonics.com](http://www.lrultrasonics.com)

For emergencies involving a spill, leak fire or accident contact CHEMTEL 800-255-3924 within the United States. Or 1-813-248-0585 for International calls.

## 2. HAZARDS IDENTIFICATION



### WARNING! IRRITANT! MAY BE HARMFUL IF SWALLOWED.

**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 throat.

**Acute Ingestion:** Will cause irritation to the digestive tract and signs of nervous system depression.

**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
Water	7732-18-5	58-73
Odorless Mineral spirits	64741-65-7	5-10
Triethanolamine	102-71-6	1-2
Diatomaceous earth	61790-58-2	15-27
Stearic Acid	57-11-4	1-5
Octadecyl 3-Mercaptopionate	31778-15-1	1-5
Carboxymethyl Cellulose Sodium	9004-32-4	0.01-.5
Methyl Paraben	99-76-3	0.1-0.3
Dye	NA	0.001-0.01
Fragrance	NA	0.001-01

The exact concentration of 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. INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL.

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

## 5. FIRE FIGHTING MEASURES

**FIRE HAZARD DATA:** NOT COMBUSTIBLE

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

**Unsuitable Extinguishing Media:** None known

**Special Fire Fighting Procedures:** None known.

**Unusual Fire and Explosion Hazards:** Closed containers may burst due to build up of pressure when exposed to extreme heat.

**Hazardous Decomposition Materials:** (under fire conditions) None known

## 6. ACCIDENTAL RELEASE MEASURES

**Cleanup and Disposal of Spill:** Mop up spill and dispose of by dilution to a sanitary sewer system as permitted by local, state and federal regulations.

**Regulatory Reporting:** Not required

## 7. HANDLING AND STORAGE

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

**HANDLING:** AVOID CONTACT WITH SKIN, EYES OR CLOTHING. Keep away from children.

## 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:

Odorless Mineral Spirits	100ppm OSHA/ACGIH/TWA	Stearic Acid	None established
Triethanolamine	5 mg/m3 ACGIH/TWA	Octadecyl 3-Mercaptopionate	None established
Diatomaceous Earth	2.25 mg/ M3 respirable M\mass.	Carboxymethy Cellulose Sodium	None established
Methyl Paraben	None established	Fragrance	None established
Dye	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:** 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:** Cream

**pH:** 7.8-8.6

**Water Solubility:** Miscible

**Freezing Point Range:** 32°F

**Vapor Pressure:** Not established

**Flash Point:** None to Boiling **Method:** Tag Closed Cup

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

**Percent volatile by volume:** Approx. 75 % by volume

**Color:** Pink

**Specific Gravity:** 1.03

**Melting Point Range:** Not applicable

**Boiling Point:** Approximately 212°F

**Vapor Density:** Not established

**Odor:** Almond

**Odor Threshold:** Not available

**Evaporation Rate:** Not available

**Partition Coefficient; n-octanol / water:** Not available

**Decomposition Temperature:** Not available

**Auto Ignition Temperature:** Not available

**V.O.C. (calculated):** 0.46 lbs/gal or 55 g/l

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to be avoided:** Protect from freezing

**Materials/Chemicals to be avoided:** None known

**Hazardous Decomposition Products:** Thermal None known

**Possibility of Hazardous Reactions:** WILL NOT OCCUR

## 11. TOXICOLOGICAL INFORMATION

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

**Acute Skin Irritation:** Irritating to skin.

**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) = 45 gm / kg for Odorless Mineral Spirits LD50 (rat) = No data found For Diatomaceous earth

LD50 (mouse) = 584 mg / .kg for Triethanolamine LDLo (rat) = 310gm/kg For Stearic Acid

LD50 (rat) = 983 mg/kg For Octadecyl 3-Mercaptopropionate LD50 (rat) = 27,000 mg/kg for Carboxymethyl Cellulose

LD50 (mouse) = > 8,000 mg/kg for Methyl Paraben LD50 (rat) = Unknown for Dye LD50 (rat) = Unknown for Fragrance

**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 carcinogen. No additional test data was found for this product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** No data found.

## 13. DISPOSAL CONSIDERATIONS

This product can be disposed in sanitary sewer system, with dilution, where permitted by local, federal and state regulations.

## 14. TRANSPORTATION INFORMATION

This product is not regulated as hazardous. 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

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### SDS CHANGES

REV

DATE

DESCRIPTION OF CHANGE

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05/04/2018

Emergency Contact Change

**Disclaimer:** The information herein is given in good faith but no warranty expressed or implied is made. This SDS has been prepared by L&R Manufacturing Company.