



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 3/3/2015 Rev. J

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. SUPPLIER AND EMERGENCY

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, CO₂ 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:

INGREDIENTS

LIMITS

INGREDIENTS

LIMITS

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

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

Method: Tag Closed Cup

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 (mouse) = 584 mg / .kg for Triethanolamine

LD50 (rat) = 983 mg/kg For Octadecyl 3-Mercaptopropionate

LD50 (mouse) = > 8,000 mg/kg for Methyl Paraben

LD50 (rat) = Unknown for Dye

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.

LD50 (rat) = No data found For Diatomaceous earth

LDLo (rat) = 310gm/kg For Stearic Acid

LD50 (rat) = 27,000 mg/kg for Carboxymethyl Cellulose

LD50 (rat) = Unknown for Fragrance

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

1

0

0

--

MSDS CHANGES

REV

I

J

DATE

4/22/13

3/3/15

DESCRIPTION OF CHANGE

Reviewed/Updated

SDS Format

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