



MATERIAL SAFETY DATA SHEET

L&R ALGINATE REMOVER

PCN(s): 240

Publication Date: 11 /28 /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 **703-527-3887**
for international collect calls.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Silicic Acid disodium salt	6874-92-0	10 - 20
Sodium Phosphate, Tribasic	1010-89-0	80 - 90

3. HAZARDS IDENTIFICATION

Physical appearance and odor: Odorless white powder

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 of the skin.

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

Acute Ingestion: Will be irritating to mucous membranes of the mouth, throat and stomach.

B: POTENTIAL HEALTH 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: Give large quantities of water. 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:

FLASH POINT: None **METHOD USED:** Tag Closed Cup

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

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

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: Product may react with strong acids.

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

6. ACCIDENTAL RELEASE MEASURES

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

Environmental and Regulatory Reporting: Not required

7. HANDLING AND STORAGE

Minimum/Maximum Storage Temperatures: Ambient room temperature. Protect from moisture.

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

Silicic Acid Disodium Salt
Sodium Phosphate, Tribasic

LIMITS

None established
None established

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

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

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: white powder.
PH: Approximately 12 as 1 % solution.
Water Solubility: Complete
Freezing Point Range: Not established
Vapor Pressure: Not established
Percent volatile by volume: Non volatile

Odor: None
Specific Gravity: Not applicable
Melting Point Range: Not available
Boiling Point : Not applicable
Vapor Density: Not established
V.O.C. (calculated) : virtually zero (0)

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: Moisture

Materials/Chemicals to be avoided: Avoid contact with acidic materials.

Decomposition type: Thermal None known.

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) = 800 mg / kg for Silicic Acid Disodium Salt
LD50(rat) = 285 mg / kg for Sodium Phosphate Tribasic

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 product is biodegradable and can be disposed in sanitary sewer system where permitted by local, federal and state regulations.

14. TRANSPORTATION INFORMATION

This product is NOT classified 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

2

Flammability

0

Reactivity

0

General

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MSDS CHANGES

REV

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DATE

11/28/05

DESCRIPTION OF CHANGE

Reissued

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

Prepared By: L&R Manufacturing Company

Date: 03/01/99

Product Name: **L&R ALGINATE REMOVER**