

SAFETY DATA SHEETS

This SDS packet was issued with item:

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MATERIAL SAFETY DATA SHEET

PLASTER AND STONE REMOVER

PCN(s) 230

Publication Date: 4/24/2013

REV: H

1. SUPPLIER AND EMERGENCY INFORMATION Emergency Phone Numbers:

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

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

Physical appearance and odor: Colorless liquid with characteristic odor.

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: Not known, but expected to cause nausea and diarrhea.

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 carcinogen.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Water	7732-18-5	60 - 70
Sodium Ethylenediaminetetra acetic acid	64-02-8	25 - 30
Sodium Citrate	68-04-2	5 - 10

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. Give large quantities of water.

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 fire in area with dry chemical, CO₂ or a BC/ABC extinguisher.

Special Fire Fighting Procedures: None known

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: 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

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

Water
Sodium Ethylenediaminetetra acetic acid

LIMITS

None established
None established

INGREDIENTS

Sodium Citrate

LIMITS

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 State: liquid	Color: colorless	Odor: Characteristic Odor
pH: 13	Specific Gravity: 1.28	Odor Threshold: Not available
Water Solubility: Soluble	Melting Point Range: Not available	Evaporation Rate: Not Applicable
Freezing Point Range: < 32 °F turns hazy at 45 F	Boiling Point: > 212°F	Partition Coefficient; n-octanol / water: Not available
Vapor Pressure: Not established	Vapor Density: Not established	Decomposition Temperature: Not available
Flash Point: None to boiling	Method: Tag Closed	Auto Ignition Temperature: Not available
Flammability limits (vol/vol %): Lower: No Data	Upper: No Data	
Percent volatile by volume: 70 to 75 % by volume	V.O.C. (calculated): < 0.05 lbs/gal or < 5 gm/l	

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to be avoided: Excessive heat and cold
Materials/Chemicals to be avoided: Aluminum, oxidizing materials and zinc metals
Decomposition Type: Thermal: None known
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 = 1548 mg/kg for Sodium Citrate
LD50 (rat) 2580 g/kg for Sodium Ethylenediaminetetra acetic acid
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 where permitted by local, federal and state regulations.

14. TRANSPORTATION INFORMATION

This product is not regulated for 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
	2	0	0	--

MSDS CHANGES

<u>REV</u>	<u>DATE</u>	<u>DESCRIPTION OF CHANGE</u>
G	8/17/11	Reviewd/Updated
H	4/23/13	Reviewed/Updated

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

Prepared By: L&R Manufacturing Company
Product Name: **PLASTER AND STONE REMOVER**

Date: 4/23/2013



SAFETY DATA SHEET

1. Identification of Substance and Manufacturer

PLASTER & STONE REMOVER PCN:230

Use: Ultrasonic Cleaning Solution, use as is.

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

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.

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: Not known, but expected to cause nausea and diarrhea.

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 carcinogen.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Water	7732-18-5	60 - 70
Sodium Ethylenediaminetetra acetic acid	64-02-8	25 - 30
Sodium Citrate	68-04-2	5 - 10

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. **DO NOT INDUCE VOMITING.** Give large quantities of water.

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 surrounding fire with dry chemical, CO₂ or a BC/ABC extinguisher.

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: Closed containers may burst due to buildup 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: 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: 40°F to 100° Protect from freezing.

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	LIMITS	INGREDIENTS	LIMITS
Water	None established	Sodium Citrate	US Oregon TWA 5mg/m3
Sodium Ethylenediaminetetra acetic acid	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 State: liquid
pH: 13
Water Solubility: Soluble
Freezing Point Range: < 32 °F turns hazy at 45 F
Vapor Pressure: Not established
Flash Point: None to boiling
Flammability limits (vol/vol %): Lower: No Data Upper: No Data
Percent volatile by volume: 70 to 75 %

Color: colorless
Specific Gravity: 1.28
Melting Point Range: NA
Boiling Point: > 212°F
Vapor Density: Not established
Method: Tag Closed
Upper: No Data
V.O.C. (calculated): < 0.05 lbs/gal or < 5 gm/l

Odor: Characteristic Odor
Odor Threshold: Not available
Evaporation Rate: Similar to water
Partition Coefficient; n-octanol / water: Not available
Decomposition Temperature: Not available
Auto Ignition Temperature: Not available
Viscosity: Similar to water

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to be avoided: Excessive heat and cold.
Materials/Chemicals to be avoided: Aluminum, oxidizing materials and zinc metals.
Decomposition Type: Thermal: None none.
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.
Acute Oral Toxicity:
LD50 rat = 1548 mg/kg for Sodium Citrate
LD50 (rat) 2580 g/kg for Sodium Ethylenediaminetetra acetic acid
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 for transportation. Product is not regulated for international air shipments (IATA.) 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
	2	0	0	--

SDS CHANGES

<u>REV</u>	<u>DATE</u>	<u>DESCRIPTION OF CHANGE</u>
K	05/04/2018	Change in Emergency Contact

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.