



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: 5702

Product Description: Nitrogen Extracting Solution

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7647-01-0 Hydrochloric Acid	0.8	Ceiling 5 ppm (7mg/m ³)	Ceiling 2 ppm
No	9003-05-8 Magnifloc 905N (polyacrylamide flocculant)	<0.1	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

Vapors and liquid cause irritation to eyes, skin and respiratory system. Harmful if swallowed.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1 Flammability: 0 Reactivity: 1

Carcinogenicity: None:

Other Health Related Comments:

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Product Description: Nitrogen Extracting Solution

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult physician if irritation persists.

Skin Contact: Flush with water. Remove affected clothing and wash skin with soap and water. Consult physician if irritation develops.

Ingestion: Do not induce vomiting. Drink large quantity of water. Consult physician.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Wear PPE. Neutralize spill with alkaline material (bicarb/lime/soda ash), scoop up neutralized slurry, containerize, & hold for disposal. Dispose according to federal, state, & local regulations. If permitted, rinse slurry to drain with excess water.

7. Handling & Storage

Keep in tightly closed container. Store in cool, dry area out of direct sunlight and away from heat and incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin, eyes, and clothing. Wash after handling.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: <1

Vapor Density: <1(Air=1)

Vapor Pressure: ca.17 mm Hg @20° C

Boiling Point: ca.100° C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, light

Incompatibility (Materials To Avoid): Metals

Hazardous Decomposition Products: N/A

11. Toxicological Information

Oral rabbit LD50: 900 mg/kg for hydrochloric acid concentrated; investigated as a tumorigen, mutagen, reproductive effector.

Target Organs: Corrosive to all body parts Eyes Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose according to federal, state, and local regulations.

14. Transportation Information

Proper Shipping Name:

DOT: HYDROCHLORIC ACID

IATA: HYDROCHLORIC ACID

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 1789

Packing Group: III

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	7647-01-0 Hydrochloric Acid	Yes	Yes	Yes	No	Yes	Yes
No	9003-05-8 Polyacrylamide polymer	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
7647-01-0 Hydrochloric Acid	5000	500	Yes	No	5000	No	No
9003-05-8 Polyacrylamide polymer	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

Ingredient	Acute	--- SARA 311/312 --- Hazard Categories				Reactivity	----- Australia -----		This MSDS Is WHMIS Compliant
		Chronic	Fire	Pressure	Hazchem Code		Poison Schedule		
7647-01-0 Hydrochloric Acid	Yes	Yes	No	No	No	2R	None Allocated		
9003-05-8 Polyacrylamide polymer	No	No	No	No	No	None Allocated	None Allocated		
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated		
product 5702 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes	

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 9/14/2009