



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	C 5 ppm	C 2 ppm
	9003-05-8 Magnifloc 905N (polyacrylamide flocculant)	<0.1		
No	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

May irritate eyes and skin. Harmful if swallowed.

HMIS Hazard

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

Health: 1 Flammability: 0 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

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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.

Ingestion: Rinse mouth, drink glass of water. Consult physician.

Inhalation: N/A

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

Cover spill with sodium bicarbonate. Scoop up neutralized slurry and wash down drain with excess water.

7. Handling & Storage

Store in cool, dry area.

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Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin 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 deg C

Boiling Point: ca.100 deg C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat

Incompatibility (Materials To Avoid): N/A

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: Skin

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2. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Add slowly to a solution of soda ash and calcium hydroxide. Pour neutralized solution down drain with excess water. 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	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

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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
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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Ingredient	--- SARA 311/312 --- Hazard Categories					----- Australia -----		This MSDS Is WHMIS Compliant
	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	
7647-01-0 Hydrochloric Acid	Yes	Yes	No	No	No	2R	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

Prepared By: IP, Regulatory Affairs Department

Revised: 7/26/2006
