

MSDS

MATERIAL SAFETY DATA SHEET

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

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: 7038 Product Description: ALK

Total Alkalinity

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	<1	C 5 ppm	C 2 ppm
No	7732-18-5 Water	>95%		
	N/A buffering agents	3		
	N/A dyes	<1		

All ingredients not specifically listed by name are proprietary

None of the unlisted proprietary ingredients are highly hazardous, toxic, or carcinogenic.

Total Alkalinity

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

May be irritating to eyes and skin or 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:

Non-toxic

4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes.

Skin Contact: Flush with water. Remove affected clothing and wash skin with soap and water.

Ingestion: Rinse out mouth. Drink 1 - 2 glasses of water. If more than a few mL have been swallowed, 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

7038 ALK is slightly acidic. Wear gloves (latex, vinyl, or nitrile). Sprinkle spill with a small amount of sodium bicarbonate (baking soda) to neutralize. Mop up neutralized spill and wash down drain with excess water.

Total Alkalinity

7. Handling & Storage

Store in cool, dry place out of direct sunlight.

8. 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: Dark amber liquid **Vapor Density:** <1 (Air=1)

Solubility In Water: Soluble **Vapor Pressure:** <17 mm Hg @ 20 deg C

Odor: None Boiling Point: ca. 100 deg C

pH: ca. 2 - 3.5 Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

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11. Toxicological Information

Non-toxic, but may cause GI distress if swallowed in large amounts because of its acidity.

Target Organs: Skin

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Add slowly to a solution of sodium bicarbonate until neutral (pH 6 - 8). Pour neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA TSCA	Europe EC	Canada			
				DSL	NDSL	Australia	Japan
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

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

Total Alkalinity

	Ingredient	SARA 311/312 Hazard Categories gredient Acute Chronic Fire Pressure		Reactivity	Austral Hazchem Code	ia Poison Schedule	This MSDS Is WHMIS Compliant		
	7647-01-0 Hydrochloric A	Yes cid	Yes	No	No	No	2R	None Allocate	ed
	7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocate	ed
7038	duct 8 whole	No	No	No	No	No	None Allocated	None Allocate	ed Yes

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 6/8/2007