



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: 2789

Product Description: CAN Solution

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7664-93-9 Sulfuric Acid	10	1 mg/cubic m	1 mg/cubic m
Yes	16774-21-3 Ceric Ammonium Nitrate	12	N/E	N/E
No	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

Poison! Danger! Corrosive. Liquid and mist cause severe burns to all body tissue. Inhalation may cause coughing, chest pains, damage to lungs. Ingestion may be fatal. Reacts with water, bases, and other materials.

HMIS Hazard

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

Health: 2 Flammability: 0 Reactivity: 2

Carcinogenicity: None:

Other Health Related Comments:

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4. First Aid Measures

Eye Contact: Immediately flush with water for 15 minutes. Get prompt medical attention.

Skin Contact: Flush skin thoroughly with water for 15 minutes while removing affected clothing. Wash skin with soap and water. Consult a physician.

Ingestion: Do not induce vomiting. Rinse out mouth. Drink plenty of water. Get prompt medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Suitable for adjacent material

Special Fire Fighting Procedures: Wear goggles and self contained breathing apparatus.

Unusual Fire & Explosion Hazard: Contact with metal powders may liberate flammable, explosive hydrogen gas.

6. Accidental Release Measures

Wear gloves and eye protection. Cover spill with sodium bicarbonate to neutralize. Wash neutralized slurry down drain with excess water.

7. Handling & Storage

Store in cool, dry, location away from such incompatible materials as strong bases, metals, sulfides and cyanides.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin or clothing. Wash after handling.

9. Physical & Chemical Properties

Appearance:	Amber Liquid	Vapor Density:	Unknown
Solubility In Water:	Soluble	Vapor Pressure:	Unknown
Odor:	None	Boiling Point:	Unknown
pH:	<1	Melting Point:	Unknown

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	Heat
Incompatibility (Materials To Avoid):	Strong bases, metals, cyanides, and sulfides.
Hazardous Decomposition Products:	SO _x , NO _x

11. Toxicological Information

oral rat LD50: 2140 mg/kg for sulfuric acid, concentrated

Target Organs: Corrosive TO ALL body parts

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Wear gloves and eye protection. Add slowly to a solution of soda ash & slaked lime (sodium carbonate & calcium hydroxide). Add neutralized solution to running water and wash down drain. Dispose according to federal, state and local regulations.

14. Transportation Information

Proper Shipping Name:

DOT: SULFURIC ACID
<51%

IATA: SULPHURIC ACID
<51% ACID

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 2796

Packing Group: II

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	7664-93-9 Sulfuric Acid	Yes	Yes	Yes	No	Yes	Yes
Yes	16774-21-3 Ceric Ammonium Nitrate	Yes	Yes	Yes	No	Yes	No
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			
7664-93-9 Sulfuric Acid	1000	1000	Yes	No	1000	No	No
16774-21-3 Ceric Ammonium Nitrate	No	No	No	Nitrate comp	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

----- Australia -----

Hazard Categories

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity			
7664-93-9 Sulfuric Acid	Yes	Yes	No	No	Yes	2P	None Allocated	
16774-21-3 Ceric Ammonium Nitrate	Yes	No	No	No	Yes	1[T]	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
product 2789 as a whole	Yes	Yes	No	No	Yes	2P	None Allocated	Yes

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 10/13/2006
