



# 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:** 4792

**Product Description:** DEHA Reagent 2

**Manufactured By:** LaMotte Company  
802 Washington Avenue  
Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	1310-73-2 Sodium Hydroxide	<0.1	C 2 mg/m <sup>3</sup>	C 2 mg/m <sup>3</sup>
Yes	69898-45-9 Ferrozine Iron Reagent, Monohydrate	0.7	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

### 3. Hazards Overview

**Primary Route Of Entry:** Skin Ingestion

May be harmful if swallowed. May irritate eyes, nose, skin and respiratory tract.

#### 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 thoroughly with water for 15 minutes. If irritation develops, call physician.

**Skin Contact:** Flush with water for 15 minutes while removing affected clothing/shoes. Wash with soap and water. If irritation develops, call physician.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth and drink several glasses of water. Call physician.

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and seek immediate medical attention.

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#### **5. Fire Fighting Measures**

**Flash Point (Method Used):** N/A

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Dry chemical, CO2, or water spray

**Special Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazard:** N/A

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#### **6. Accidental Release Measures**

Wearing appropriate PPE, absorb spill onto inert material (vermiculite/sand) and containerize. Hold for disposal in accordance to federal, state, and local regulations. If permitted, neutralize w/dilute HCl and flush to drain with excess water.

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#### **7. Handling & Storage**

Store tightly closed in a cool, dry, area away from incompatible materials.

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## **8. Exposure Controls/Personal Protection**

### **Ventilation**

Normal

### **Protection When Handling**

Eye Protection Gloves Lab Coat

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

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## **9. Physical & Chemical Properties**

**Appearance:** Pale yellow liquid

**Solubility In Water:** Soluble

**Odor:** None

**pH:** 11-12

**Vapor Density:** Unknown

**Vapor Pressure:** Unknown

**Boiling Point:** ca. 100° C

**Melting Point:** Unknown

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## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** N/A

**Incompatibility (Materials To Avoid):** Strong oxidizing materials

**Hazardous Decomposition Products:** COx, SOx, NOx

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## **11. Toxicological Information**

**Target Organs:** N/A

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## **12. Ecological Information**

Information Not Yet Available.

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## **13. Disposal Considerations**

Dispose in accordance to federal, state, and local regulations. If permitted, neutralize then flush to drain with excess water.

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## **14. Transportation Information**

Not Regulated For Transport

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## **15. Regulatory Information**

### **Chemical Inventory Status**

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada ---		Australia	Japan
				DSL	NDSL		
Yes	1310-73-2 Sodium Hydroxide	Yes	Yes	Yes	No	Yes	Yes
Yes	69898-45-9 Benzenesulfonicacid,4,4'-[3-(2-pyridinyl)-1,2,4-triazine-5,6-diyl]bis-, monosodium salt	Yes	Yes	No	No	No	No
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			
1310-73-2 Sodium Hydroxide	No	No	No	No	1000	No	No
69898-45-9 Benzenesulfonicacid,4,4'-[3-(2-pyridinyl)-1,2,4-triazine-5,6-diyl]bis-, monosodium salt	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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**--- SARA 311/312 ---****Hazard Categories****----- Australia -----****Hazchem****Poison****This MSDS Is****Ingredient    Acute    Chronic    Fire    Pressure    Reactivity    Code    Schedule    WHMIS Compliant**

1310-73-2    Yes    No    No    No    Yes    2R    S6  
Sodium Hydroxide

69898-45-9    Yes    No    No    No    No    None Allocated    None Allocated  
Benzenesulfonicacid,4,4'-[3-(2-pyridinyl)-1,2,4-triazine-5,6-diyl]bis-, monosodium salt

7732-18-5    No    No    No    No    No    None Allocated    None Allocated  
Distilled Water

**product 4792**    No    No    No    No    No    None Allocated    None Allocated    Yes  
**as a whole**

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**16. Other Information**

Keep out of reach of children.

**Prepared By:** Regulatory Affairs Department

**Revised:** 4/6/2009

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