



# 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:** 2793

**Product Description:** Cyanide Indicator Reagent

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

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7647-14-5 Sodium Chloride	35	N/E	N/E
Yes	67-52-7 Barbituric Acid	15	N/E	N/E
Yes	464-05-1 Pyridinium Trifluoroacetate	50	N/E	N/E

### 3. Hazards Overview

**Primary Route Of Entry:** Eye Skin Inhalation

Dust may irritate eyes, skin, respiratory tract.

#### HMIS Hazard

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

Health: 2      Flammability: 0      Reactivity: 0

**Carcinogenicity:** None:

#### **Other Health Related Comments:**

See Section 11, Toxicity.

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#### **4. First Aid Measures**

**Eye Contact:** Flush with water for 15 minutes. Consult physician.

**Skin Contact:** Rinse skin. Wash with soap and water.

**Ingestion:** Give plenty of water. Consult physician.

**Inhalation:** Remove to fresh air.

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

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

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Dry chemical, alcohol-resistant foam, CO2

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

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

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

Wear gloves & eye protection. Avoid dusting. Sweep up. Dissolve in water. Wash down drain with excess water.

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

Store tightly closed in cool, dry ventilated area away from strong oxidizers..

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

### **Ventilation**

Normal

### **Protection When Handling**

Eye Protection Gloves Lab Coat

**Work/Hygenic Practices:** Use with adequate ventilation. Avoid contact with skin or eyes. Wash after handling.

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

**Appearance:** White Powder  
**Solubility In Water:** Soluble  
**Odor:** Fishy  
**pH:** 3 (0.1g in 10mL water)

**Vapor Density:** N/A  
**Vapor Pressure:** N/A  
**Boiling Point:** N/A  
**Melting Point:** Unknown

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## **10. Stability & Reactivity**

**Stable:** Yes  
**Conditions To Avoid:** Moisture  
**Incompatibility (Materials To Avoid):** Strong oxidizers  
**Hazardous Decomposition Products:** CO<sub>x</sub>, NO<sub>x</sub>, HF

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## **11. Toxicological Information**

Product 2793 (dust) may cause irritation to eyes, skin, or respiratory tract. May cause allergic reaction.

**Target Organs:** Eyes Skin

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## **12. Ecological Information**

Information Not Yet Available

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## **13. Disposal Considerations**

Dissolve in water. Wash down drain with excess water. Dispose according to federal, state and local regulations.

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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	7647-14-5 Sodium Chloride	Yes	Yes	Yes	No	Yes	Yes
Yes	67-52-7 Barbituric Acid	Yes	Yes	Yes	No	Yes	Yes
Yes	464-05-1 Pyridinium Trifluoroacetate	Yes	Yes	No	No	?	?

### **Federal, State, & International Regulations**

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
7647-14-5 Sodium Chloride	No	No	No	No	No	No	No
67-52-7 Barbituric Acid	No	No	No	No	No	No	No
464-05-1 Pyridinium Trifluoroacetate	No	No	No	No	No	No	No

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

7647-14-5 Sodium Chloride	Yes	No	No	No	No	None Allocated	None Allocated
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67-52-7 Barbituric Acid	Yes	No	No	No	No	None Allocated	None Allocated
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464-05-1 Pyridinium Trifluoroacetate	Yes	No	No	No	No	No info	No info
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<b>product 2793 as a whole</b>	Yes	No	No	No	No	None Allocated	None Allocated	Yes
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**16. Other Information**

Warning! This product contains barbituric acid, a chemical known to the state of California (USA) to cause birth defects or other reproductive harm.

**Prepared By:** IP, Regulatory Affairs Department**Revised:** 7/23/2007

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