



# MSDS

## Material Safety Data Sheet

PO Box 329 • 802 Washington Avenue • Chestertown, MD 21620 • USA  
Telephone Number 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

<b>Product Code:</b>	<b>7834</b>	<b>Manufactured By:</b>	LaMotte Company
<b>Product Description:</b>	Tannin Reagent #2		802 Washington Avenue Chestertown, MD 21620

### 2. Composition/Information on Ingredients

Hazardous	Name	CAS #	%	OSHA PEL	ACGIH TLV
Yes	Sodium Carbonate	497-19-8	20	N/E	N/E
No	Sodium Tartrate dihydrate	6106-24-7	1	N/E	N/E
No	Water to 100%	7747-72-8	79		

### 3. Hazards Overview

**Primary Route of Entry:** Ingestion Skin

Harmful if swallowed. Large doses by mouth can cause GI irritation. May cause eye or skin irritation on contact.

**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:**

### 4. First Aid Measures

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

**Skin Contact:** Flush with water. Remove affected clothing and rinse skin thoroughly.

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

**Inhalation:** N/A

### 5. Fire Fighting Measures

**Flash Point:** N/A      **LEL:** N/A      **UEL:** N/A

#### Fire Rating

**Extinguishing Media:** Not a fire hazard

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

**Hazardous Combustion and/or Decomposition Products:** CO<sub>x</sub>

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

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**6. Accidental Release Measures**

Neutralize with vinegar or dilute 6M hydrochloric acid and mop up. Flush neutralized solution to drain with water.

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**7. Handling & Storage**

Store in cool area away from incompatible materials (sulfuric acid, aluminum, zinc).

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**8. Exposure Controls/Personal Protection**

**Ventilation**

Use with adequate ventilation.

**Protection When Handling**

Gloves Eye Protection Lab Coat

**Work/Hygienic Practices:** Wash after handling

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**9. Physical & Chemical Properties**

<b>Appearance:</b>	Colorless Clear Liquid	<b>Boiling Point:</b>	>100 deg C
		<b>Melting Point:</b>	Unknown
		<b>pH:</b>	11
<b>Odor:</b>	None	<b>Vapor Density:</b>	<1 (Air=1)
<b>Solubility in Water:</b>	Soluble	<b>Vapor Pressure:</b>	<17 @ 20 deg C

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**10. Stability & Reactivity**

**Stable:** Yes  
**Conditions to Avoid:** Heat, incompatibles  
**Materials to Avoid:** Strong acids, aluminum, zinc  
**Hazardous Decomposition Products:** CO<sub>x</sub>

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**11. Toxicological Information**

**Oral rat LD50: 4090 mg/kg for sodium carbonate;** investigated as a mutagen, reproductive effector.

**Target Organs:** eye, skin

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**12. Ecological Information**

Information not Available

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**13. Disposal Considerations**

Neutralize with dilute hydrochloric acid or vinegar and wash down drain with excess water. Dispose according to federal, state and local regulations.

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**14. Transport Information**

Not regulated for transport.

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**15. Regulatory Information****Chemical Inventory Status**

<b>Ingredient</b>	<b>USA</b>	<b>Europe</b>	<b>---Canada---</b>		<b>Australia</b>	<b>Japan</b>
	<b>TSCA</b>	<b>EC</b>	<b>DSL</b>	<b>NDSL</b>		
Sodium Carbonate, anhydrous (497-19-8)	Yes	Yes	Yes	No	Yes	Yes
Sodium Tartrate anhydrous (868-18-8)	Yes	Yes	Yes	No	Yes	Yes
Water						

**Federal, State, & International Regulations**

<b>Ingredient</b>	<b>---SARA 302---</b>		<b>----- SARA 313 -----</b>			<b>RCRA 261.33</b>	<b>TSCA 8(D)</b>
	<b>RQ</b>	<b>TPQ</b>	<b>Listed</b>	<b>Chemical Category</b>	<b>CERCLA</b>		
Sodium Carbonate, anhydrous (497-19-8)	No	No	No	No	No	No	No
Sodium Tartrate, anhydrous (868-18-8)	No	No	No	No	No	No	No
Water							

<b>Ingredient</b>	<b>----- SARA 311/312 -----</b>			<b>----- Australia -----</b>		<b>This MSDS is WHMIS Compliant</b>
	<b>Hazard Categories</b>			<b>Hazchem Code</b>	<b>Poison Schedule</b>	
Sodium Carbonate, anhydrous (497-19-8)	Acute: Yes	Chronic: No	Fire: No	None allocated	S5	
Sodium Tartrate, anhydrous (868-18-8)	Acute: No	Chronic: No	Fire: No	None allocated	None allocated	
Water						
<b>For product #7834 liquid mixture, as a whole</b>	Acute: Yes	Chronic: No	Fire: No	None allocated	None allocated	Yes

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**16. Other Information****Prepared By: IP****Revised: 4/13/2005**