



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

Telephone Number For Information 410-778-3100

24 Hour Emergency Number (CHEM-TEL) 800-255-3924

# MSDS

## Material Safety Data Sheet

### 1. Product Identification

**Product Code:**

4856

**Product Description:**

Cyanuric Acid Test Solution

**Manufactured By:**

LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information on Ingredients

| Hazardous | Name   | CAS #     | %   | OSHA<br>PEL | ACGIH<br>TLV |
|-----------|--|-----------|-----|-------------|--------------|
| Yes       | Acetic Acid  | 64-19-7   | 0.4 | 10 ppm      | 10 ppm       |
| Yes       | Melamine<br>(a.k.a. 2,4,6-Triamino-1,3,5-triazine) | 108-78-1  | 0.2 | N/E         | N/E          |
| Yes       | Potassium Acetate                                  | 127-08-2  | 15  | N/E         | N/E          |
| No        | Water to 100%                                      | 7732-18-5 |     |             |              |

### 3. Hazards Overview

**Primary Route of Entry:** Ingestion Skin

May irritate eyes and skin on contact. May be harmful if swallowed or absorbed through skin.

**HMIS Hazard:** (Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least)

Health: 1 Flammability: 0 Reactivity: 0

**Carcinogenicity:** NTP IARC

Melamine is a possible cancer hazard to humans. (See Section 11.)

**Other Health Related Comments:**

### 4. First Aid Measures

**Eye Contact:** Flush thoroughly with water. Consult a physician if irritation develops.

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

**Ingestion:** Drink water. Consult physician if symptoms appear.

**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:** N/A

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

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**6. Accidental Release Measures**

Mop up carefully. Flush down drain with excess water.

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**7. Handling & Storage**

Store tightly closed in cool, ventilated storage.

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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 hands 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>  | N/A        |
|                             |                        | <b>pH:</b>             | 6          |
| <b>Odor:</b>                | Vinegar                | <b>Vapor Density:</b>  | Unknown    |
| <b>Solubility in Water:</b> | Soluble                | <b>Vapor Pressure:</b> | Unknown    |

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**10. Stability & Reactivity**

**Stable:** Yes  
**Conditions to Avoid:** N/A  
**Materials to Avoid:** N/A

**Hazardous Decomposition Products:** N/A

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**11. Toxicological Information**

This product contains Melamine, a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification. (IARC carcinogen list: Group 3). Evidence of mutagenic effects and reproductive hazards in animal tests. (NTP: clear evidence, rat, oral route)

**Target Organs:** Kidneys, Bladder

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**12. Ecological Information**

Information not Available

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**13. Disposal Considerations**

Flush 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> |                  |              |
| Acetic Acid (64-19-7)        | Yes         | Yes           | Yes                 | No          | Yes              | Yes          |
| Melamine (108-78-1)          | Yes         | Yes           | Yes                 | No          | Yes              | Yes          |
| Potassium Acetate (127-08-2) | Yes         | Yes           | Yes                 | No          | Yes              | Yes          |
| Water                        |             |               |                     |             |                  |              |

**Federal, State, & International Regulations**

| <b>Ingredient</b>            | <b>---SARA 302---</b> |            | <b>----- SARA 313 -----</b> |                          |               | <b>RCRA</b>   | <b>TSCA</b> |
|------------------------------|-----------------------|------------|-----------------------------|--------------------------|---------------|---------------|-------------|
|                              | <b>RQ</b>             | <b>TPQ</b> | <b>Listed</b>               | <b>Chemical Category</b> | <b>CERCLA</b> | <b>261.33</b> | <b>8(D)</b> |
| Acetic Acid (64-19-7)        | No                    | No         | No                          | No                       | 5000          | No            | No          |
| Melamine (108-78-1)          | No                    | No         | No                          | No                       | No            | No            | No          |
| Potassium Acetate (127-08-2) | 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> |                                     |
| Acetic Acid (64-19-7)                               | Acute: Yes Chronic: Yes Fire: Yes<br>Pressure: No Reactivity: Yes<br>(Pure/Liquid) | 2P                           | S6                     |                                     |
| Melamine (108-78-1)                                 | Acute: Yes Chronic: Yes Fire: No<br>Pressure: No Reactivity: No<br>(Pure/Solid)    | ?                            | ?                      |                                     |
| Potassium Acetate (127-08-2)                        | Acute: No Chronic: No Fire: No<br>Pressure: No Reactivity: No<br>(Pure/Solid)      | None allocated               | None allocated         |                                     |
| <b>For product #4856 liquid mixture, as a whole</b> | Acute: No Chronic: No Fire: No<br>Pressure: No Reactivity: No                      |                              |                        | Yes                                 |

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**16. Other Information****Prepared By: IP****Revised: 3/16/2005**