



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: 5644

Product Description: Texture Dispersing Reagent

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

| Hazard | CAS#/Name | % | PEL | TLV |
|--------|----------------------------------------------------------------------------|---------|------------------|---------------------|
| Yes | 13472-36-1 Sodium Pyrophosphate, 10-Hydrate (Tetrasodium Pyrophosphate) | 2 | None Established | 5 mg/m ³ |
| No | 7732-18-5 Water | to 100% | None Established | None Established |

3. Hazards Overview

Primary Route Of Entry: Ingestion Skin

May be irritating to skin. May be harmful if swallowed.

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 occasionally lifting eyelids. If irritation develops, contact physician.

Skin Contact: Flush thoroughly with water. Wash with soap. If irritation develops contact physician.

Ingestion: Do not induce vomiting. Give plenty of water. Consult physician.

Inhalation: N/A

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Neutralize spill with dilute acid, absorb with inert material, containerize, and hold for proper disposal. Dispose according to federal, state, and local regulations. If permitted, rinse neutralized solution to drain with excess water.

7. Handling & Storage

Keep container tightly closed. Store in cool, dry area.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with eyes and skin. Wash after handling.

9. Physical & Chemical Properties

| | | | |
|-----------------------------|------------------------|------------------------|----------------------|
| Appearance: | Clear Colorless Liquid | Vapor Density: | <1 (Air=1) |
| Solubility In Water: | Soluble | Vapor Pressure: | <17 mm Hg @ 20 deg C |
| Odor: | None | Boiling Point: | ca. 100 deg C |
| pH: | 10 - 10.5 | Melting Point: | N/A |

10. Stability & Reactivity

| | |
|----------------------------------------------|-----|
| Stable: | Yes |
| Conditions To Avoid: | N/A |
| Incompatibility (Materials To Avoid): | N/A |
| Hazardous Decomposition Products: | POx |

11. Toxicological Information

Oral rat LD50: 4000 mg/kg for sodium pyrophosphate, anhydrous. 5644 solution is alkaline. It may cause nausea and diarrhea if a large amount is swallowed.

Target Organs: GI System Skin

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose according to federal, state, and local regulations.

15. Regulatory Information

Chemical Inventory Status

| Hazard | Ingredient | USA | Europe | --- Canada --- | | Australia | Japan |
|--------|----------------------------------------------|------|--------|----------------|------|-----------|-------|
| | | TSCA | EC | DSL | NDSL | | |
| Yes | 7722-88-5 Sodium pyrophosphate, anhydrous | Yes | Yes | Yes | No | Yes | Yes |
| 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 | | | |
| 7722-88-5 Sodium pyrophosphate, anhydrous | No | No | No | No | No | No | No |
| 7732-18-5 Distilled Water | No | No | No | No | No | No | No |

| Ingredient | --- SARA 311/312 --- Hazard Categories | | | | | ----- Australia ----- | | This MSDS Is WHMIS Compliant |
|----------------------------------------------|-------------------------------------------|---------|------|----------|------------|-----------------------|--------------------|---------------------------------|
| | Acute | Chronic | Fire | Pressure | Reactivity | Hazchem Code | Poison Schedule | |
| 7722-88-5 Sodium pyrophosphate, anhydrous | Yes | Yes | No | No | No | None Allocated | None Allocated | |
| 7732-18-5 Distilled Water | No | No | No | No | No | None Allocated | None Allocated | |
| product 5644 as a whole | No | No | No | No | No | None Allocated | None Allocated | Yes |

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16. Other Information

Keep out of the reach of children.

Prepared By: Regulatory Affairs Department

Revised: 9/14/2009
