

MATERIAL SAFETY DATA SHEET
 LaMOTTE COMPANY
 PO BOX 329 - CHESTERTOWN - MARYLAND - 21620
 TELEPHONE # FOR INFORMATION 410-778-3100
24 Hour Emergency Number (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Manganese Periodate Reagent

Code Nr. **6311**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
Sodium metaperiodate	7790-28-5		100	N/E	N/E

3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

NAME	CAS #	%
None		

4. PHYSICAL DATA

Appearance: White Crystalline powder
 Solubility in Water: Soluble Odor: Slight Boiling Point: N/A Melt. Point: 300 deg F
 Vapor Pressure: N/A Vapor Density: N/A pH: 4 (0.1g/10mL water)

5. FIRE AND EXPLOSION DATA

Flash Point (method used) N/A Flammable Limit: LEL: N/A UEL: N/A
 Extinguishing Media: Not a fire hazard
 HMIS Hazard: Health - 1 Flammability - 0 Reactivity - 1 Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least
 Special Fire Fighting Procedures:
 Firefighters wear self-contained breathing apparatus
 Unusual Fire & Explosion Hazard:
 Contact with combustibles (wood, paper, oil, etc.) may cause fire or explosion. Emits toxic fumes under fire conditions.

6. REACTIVITY DATA

Stability: Conditions to avoid: Heat, moisture
 Stable Incompatibility (Materials to avoid):
 Strong reducing agents, organic materials, combustible materials
 Unstable
 Hazardous Decomposition Products: N/A

7. HEALTH HAZARD DATA

Toxicity: Unknown
 Primary Route of Entry: Inhalation Skin Carcinogenicity: None NTP
 Ingestion N/A OSHA IARC
 Other Health Related Comments:
 Target Organs: N/A
 Signs and symptoms of exposure:
 Harmful if swallowed or inhaled. May irritate eyes, skin, respiratory system. Ingestion causes nausea, vomiting.
 Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Consult physician.
 Ingestion: Drink plenty of water. Induce vomiting. Consult a physician.
 Inhalation:
 Remove to fresh air.
 Skin Contact:
 Flush thoroughly with water. Wash with soap and water.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
 Keep combustibles away from spill. Avoid breathing dust. Carefully sweep up spilled material and place in clean, dry, covered container. Wash spill area with water.
 Disposal:
 Small quantity: Pour into an excess of water and neutralize with soda ash. Flush to drain with excess water. Large quantity: Containerize dry material and dispose of as hazardous waste, according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: Gloves Eye Protection N/A Other: Lab Coat
 Ventilation Normal Mechanical Respiratory Protection
 Work/Hygienic Practices: Avoid contact with eyes, skin and clothing.

11. SPECIAL PRECAUTIONS

Store in cool, dry place away from combustibles.

DATE: 2/18/99 The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

† This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.