

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

Ammonia Nitrogen Reagent #2

Code Nr. **V-4798**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
Potassium Hydroxide	1310-58-3		15	2 mg/cubic m	C 2 mg/cubic m
Λ Mercuric Chloride	7487-94-7		3.3	N/A	0.1 mg/cubic m (as Hg)
Warning! This product contains mercury compounds, chemicals known to the state of Calif. to cause birth defects and other reproductive harm.					
Potassium Iodide	7681-11-0		6	Cl 0.1 ppm as iodine	Cl 0.1 ppm as iodine

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

NAME	CAS #	%
Water to 100%		

4. PHYSICAL DATA

<i>Appearance:</i> Clear Light yellow Liquid			
<i>Solubility in Water:</i> Soluble	<i>Odor:</i> None	<i>Boiling Point:</i> Unknown	<i>Melt. Point:</i> N/A
<i>Vapor Pressure:</i> Unknown	<i>Vapor Density:</i> Unknown	<i>pH:</i> 14	

5. FIRE AND EXPLOSION DATA

<i>Flash Point (method used):</i> N/A	<i>Flammable Limit: LEL:</i> N/A	<i>UEL:</i> N/A
<i>Extinguishing Media:</i> Not a fire hazard		
<i>HMS Hazard: Health - 3 Flammability - 0 Reactivity - 2 Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least</i>		
<i>Special Fire Fighting Procedures:</i> N/A		
<i>Unusual Fire & Explosion Hazard:</i> May produce toxic fumes under fire conditions.		

6. REACTIVITY DATA

<i>Stability:</i> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<i>Conditions to avoid:</i> N/A <i>Incompatibility (Materials to avoid):</i> Strong acids, metals <i>Hazardous Decomposition Products:</i> May emit toxic fumes of mercury vapor or iodine under fire conditions
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7. HEALTH HAZARD DATA

<i>Toxicity:</i> For mercuric chloride solid: orl rat LD50: 1 mg/kg; orl hmn LDLo: 29 mg/kg			
<i>Primary Route of Entry:</i>	<input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion	<input checked="" type="checkbox"/> Skin <input type="checkbox"/> N/A	<i>Carcinogenicity:</i> <input checked="" type="checkbox"/> None <input type="checkbox"/> OSHA <input type="checkbox"/> NTP <input type="checkbox"/> IARC
<i>Other Health Related Comments:</i> Mercury chloride a possible carcinogen & reproductive effector (mutagen, fetal toxicity) on Calif. Prop. 65 list			
<i>Target Organs:</i> Corrosive to all body parts,			
<i>Signs and symptoms of exposure:</i> Poisonous. Causes severe burns, may be fatal if swallowed.			
<i>Medical Condition Aggravated by Exposure:</i> N/A			

8. EMERGENCY FIRST AID PROCEDURES

<i>Eye Contact:</i> Immediately flush with water for 15 minutes. Get prompt medical attention!
<i>Ingestion:</i> Do not induce vomiting. Rinse out mouth. Drink plenty of water. Call a doctor immediately!
<i>Inhalation:</i> Remove to fresh air. Consult physician.
<i>Skin Contact:</i> Immediately flush with water for 15 minutes while removing affected clothing and shoes. Consult physician.

9. SPILL AND DISPOSAL PROCEDURES

<i>Spill and Leak:</i> Absorb on inert material (kitty litter) or spill pads. Place into a clean, dry plastic pail and cover with lid. Dispose of as hazardous waste. Do not pour down sinks and drains.
<i>Disposal:</i> Any free liquid waste may be treated with ammonium hydroxide to precipitate the mercury; the precipitated mercury "sludge" must be disposed of as hazardous waste, in accordance with federal, state and local regulations.

10. PRECAUTIONARY MEASURES

<i>In Handling:</i> <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Other: Lab Coat
<i>Ventilation:</i> <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Mechanical <input type="checkbox"/> Respiratory Protection
<i>Work/Hygienic Practices:</i> No eating or smoking while handling. Wash after handling.

11. SPECIAL PRECAUTIONS

Avoid contact with skin and clothing.

DATE: 2/2/2000

The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

Λ This is a toxic chemical subject to reporting requirements of section 313 of FPCRA and 40CFR372