

# MATERIAL SAFETY DATA SHEET

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

## 1. PRODUCT IDENTIFICATION

**Lead A Reagent**

*Code Nr.* **3951**

## 2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
A Nitric Acid	7697-37-2		6	5 mg/cubic m	2 ppm

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

NAME	CAS #	%
Water to 100%		

## 4. PHYSICAL DATA

<i>Appearance:</i> Clear Colorless Liquid			
<i>Solubility in Water:</i> Soluble	<i>Odor:</i> Slight	<i>Boiling Point:</i> Unknown	<i>Melt. Point:</i> N/A
<i>Vapor Pressure:</i> >18 @ 20 deg c	<i>Vapor Density:</i> >1 (Air=1)	<i>pH:</i> <1	

## 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>HMIS Hazard: Health - 2    Flammability - 0    Reactivity - 1    Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least</i>		
<i>Special Fire Fighting Procedures:</i> Firefighters wear SCBA.		
<i>Unusual Fire &amp; Explosion Hazard:</i> Can react with metals to release flammable hydrogen gas.		

## 6. REACTIVITY DATA

<i>Stability:</i>	<i>Conditions to avoid:</i> Heat
<input checked="" type="checkbox"/> <i>Stable</i>	<i>Incompatibility (Materials to avoid):</i> Alkalies, metallic powders, organics
<input type="checkbox"/> <i>Unstable</i>	<i>Hazardous Decomposition Products:</i> NOx

## 7. HEALTH HAZARD DATA

<i>Toxicity:</i> orl hmn LDLo: 430 mg/kg for nitric acid, concentrated	
<i>Primary Route of Entry:</i>	<input type="checkbox"/> <i>Inhalation</i> <input checked="" type="checkbox"/> <i>Skin</i> <input type="checkbox"/> <i>N/A</i>
	<i>Carcinogenicity:</i> <input checked="" type="checkbox"/> <i>None</i> <input type="checkbox"/> <i>NTP</i> <input checked="" type="checkbox"/> <i>Ingestion</i> <input type="checkbox"/> <i>OSHA</i> <input type="checkbox"/> <i>IARC</i>
<i>Other Health Related Comments:</i>	
<i>Target Organs:</i> Corrosive to all body parts,	
<i>Signs and symptoms of exposure:</i> Can cause severe burns to eyes and skin. Harmful if swallowed.	
<i>Medical Condition Aggravated by Exposure:</i> N/A	

## 8. EMERGENCY FIRST AID PROCEDURES

<i>Eye Contact:</i> Flush thoroughly with water for 15 minutes. Consult a physician.
<i>Ingestion:</i> Do not induce vomiting. Rinse out mouth. Drink plenty of water. Consult physician immediately.
<i>Inhalation:</i> Remove to fresh air.
<i>Skin Contact:</i> Flush with water for 15 minutes while removing affected clothing. Wash skin with soap and water. Consult a physician.

## 9. SPILL AND DISPOSAL PROCEDURES

<i>Spill and Leak:</i> Cover spill with sodium bicarbonate. Scoop up neutralized slurry and wash down drain with excess water.
<i>Disposal:</i> Add slowly to a solution of sodium carbonate and calcium hydroxide. Pour this neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

## 10. PRECAUTIONARY MEASURES

<i>In Handling:</i> <input checked="" type="checkbox"/> <i>Gloves</i> <input checked="" type="checkbox"/> <i>Eye Protection</i> <input type="checkbox"/> <i>N/A</i> <input checked="" type="checkbox"/> <i>Other:</i> Lab Coat
<i>Ventilation</i> <input checked="" type="checkbox"/> <i>Normal</i> <input type="checkbox"/> <i>Mechanical</i> <input type="checkbox"/> <i>Respiratory Protection</i>
<i>Work/Hygienic Practices:</i> Avoid contact with skin and clothing.

## 11. SPECIAL PRECAUTIONS

N/A
<b>DATE:</b> 4/13/03    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.