

# MATERIAL SAFETY DATA SHEET

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

## 1. PRODUCT IDENTIFICATION

**Alkalinity Titration Reagent**

Code Nr. **6102**

## 2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
^ Hydrochloric Acid	7647-01-0		<0.1	C 7 mg/cubic m	C 5 ppm

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

NAME	CAS #	%
Water to 100%		

## 4. PHYSICAL DATA

*Appearance:* Clear Colorless Liquid  
*Solubility in Water:* Soluble      *Odor:* None      *Boiling Point:* >100 deg C      *Melt. Point:* N/A  
*Vapor Pressure:* <17 @ 20degC      *Vapor Density:* <1 (Air=1)      *pH:* 2

## 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 - 0    Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least*  
*Special Fire Fighting Procedures:*  
 N/A  
*Unusual Fire & Explosion Hazard:*  
 N/A

## 6. REACTIVITY DATA

*Stability:*      *Conditions to avoid:* N/A  
 *Stable*      *Incompatibility (Materials to avoid):*  
 N/A  
 *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:*  
 May irritate eyes and skin.  
  
*Medical Condition Aggravated by Exposure:* N/A

## 8. EMERGENCY FIRST AID PROCEDURES

*Eye Contact:* Flush thoroughly with water for 15 minutes.  
*Ingestion:* Drink glass of water. Consult physician.  
*Inhalation:*  
 N/A  
*Skin Contact:*  
 Flush with water. Remove affected clothing and wash skin with soap and water.

## 9. SPILL AND DISPOSAL PROCEDURES

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

## 10. PRECAUTIONARY MEASURES

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

## 11. SPECIAL PRECAUTIONS

N/A

**DATE:** 2/1/2000      The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

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