

MATERIAL SAFETY DATA SHEET

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

1. PRODUCT IDENTIFICATION

Humus Screening Reagent

Code Nr. 5119

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
Ethylenediaminetetraacetic acid, disodium salt (EDTA)	6381-92-6	139-33-3	88 - 92	N/E	N/E
Nitrilotriacetic acid, disodium salt (NTA)	15467-20-6		0.6	N/E	N/E
Warning! This product contains NTA or its salts, chemicals known to the state of California to cause cancer.					

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

NAME	CAS #	%
Water (moisture in powder)		<8

4. PHYSICAL DATA

Appearance: White Crystalline powder
Solubility in Water: Soluble *Odor:* None *Boiling Point:* N/A *Melt. Point:* Unknown
Vapor Pressure: N/A *Vapor Density:* N/A *pH:* 5 (0.1 g in 10 mL water)

5. FIRE AND EXPLOSION DATA

Flash Point (method used): N/A *Flammable Limit: LEL:* N/A *UEL:* N/A
Extinguishing Media: Dry chemical, CO2, water spray, or alcohol-resistant foam
HMS Hazard: Health - 2 Flammability - 1 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:* Heat, moisture
 Stable *Incompatibility (Materials to avoid):*
 Oxidizers, metals
 Unstable
Hazardous Decomposition Products: Burning may produce COx, NOx, or ammonia

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 2000 mg/kg for EDTA, disodium salt
Primary Route of Entry: *Inhalation* *Skin* *Carcinogenicity:* *None* *NTP*
 Ingestion *N/A* *OSHA* *IARC*
Other Health Related Comments:
 NTA(CAS#139-13-9)and/or its salts listed by NTP as carcinogens,based on findings of urinary tract tumors in animals
Target Organs: N/A
Signs and symptoms of exposure:
 May be harmful if swallowed. May irritate eyes, skin, respiratory tract.
Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

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

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
 Sweep up, dissolve in water, and flush to drain with excess water.
Disposal:
 Small amt.--Dissolve in water. Flush to 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 inhalation of dust and prolonged or repeated contact with skin.

11. SPECIAL PRECAUTIONS

Do not store in aluminum or other metal containers. Store between 0 and 120 deg. F

DATE: 4/14/99 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.