MATERIAL SAFETY DATA SHEET

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

1. PRODUCT IDENTIFICATION

Nitrate Reducing Powder *Code Nr.* **V-6279**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
Manganous Sulfate monohydrate	10034-96-5	7785-87-7	10	C 5 mg/cubic m as Mn	C 5 mg/cubic m as Mn
^ Cadmium Powder	7440-43-9		7	0.01 mg/cubic m total dust	0.01 mg/cubic m total dust
Ammonium Chloride	12125-02-9		48	10 mg/cubic m (fume)	10 mg/cubic m (fume)
Sulfanilamide	63-74-1		2	N/E	N/E
Warning: This product contains cadmium, a chemical known to the state of California to cause cancer					
and birth defects or other reproductive harm.					

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

NAME	CAS #	%
Sodium Citrate	68-04-2	32
N-1-naphthylenediamine dihydrochloride	1465-25-4	1

4. PHYSICAL DATA

Appearance: Gray Powder

Solubility in Water: Partially | *Odor:* slight | *Boiling Point:* N/A | *Melt. Point:* Unknown

Vapor Pressure: N/A | *Vapor Density:* N/A | *pH:* 7 (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: Dry chemical or CO2

HMIS Hazard: Health - 3 *Flammability -* 1 *Reactivity -* 0 *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:
Emits toxic fumes under fire conditions.

6. REACTIVITY DATA

Stability:
☒ *Stable*
☐ *Unstable*

Conditions to avoid: Moisture, heat, flame, and ignition sources

Incompatibility (Materials to avoid):
Contact with nitric acid or other strong oxidizers

Hazardous Decomposition Products: Unknown

7. HEALTH HAZARD DATA

Toxicity: Cadmium is a carcinogen & reproductive toxicant.

Primary Route of Entry: ☒ *Inhalation* ☒ *Skin* ☐ *Ingestion* ☐ *N/A*

Carcinogenicity: ☐ *None* ☒ *NTP* ☒ *OSHA* ☒ *IARC*

Other Health Related Comments:
IARC- S.7, 1987. Cadmium is known to cause cancer in humans. On Calif. Prop. 65 list.

Target Organs: Kidney, Lungs,

Signs and symptoms of exposure:
Harmful if inhaled, swallowed or absorbed through skin.

Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush with water for 15 minutes.

Ingestion: Rinse out mouth. Drink plenty of water. Consult physician immediately.

Inhalation:
Remove to fresh air. Consult physician.

Skin Contact:
Flush with water. Wash with soap and water.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
Sweep up carefully. Avoid raising/breathing dust. Wear gloves & dust/mist respirator if available. Place waste in plastic bag & enclose in container w/lid. Hold for hazardous waste disposal. Ventilate area & wash spill site.

Disposal:
Dispose of as hazardous waste--to incinerator or EPA approved landfill--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: Use with adequate ventilation. Avoid breathing powder. Wash after handling.

11. SPECIAL PRECAUTIONS

Store tightly closed, away from foods, in secure place.

DATE: 8/21/01

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.