MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY
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1. PRODUCT IDENTIFICATION

Phosphorus Indicator Solution *Code Nr.* **5705**

2. HAZARDOUS INGREDIENTS

NAME	*CAS #*	*TSCA #*	*%*	*PEL*	*TLV*
Acetic Acid	64-19-7		12	10 ppm	25 mg/cubic m
Sodium Molybdate dihydrate	10102-40-6		2.5	5 mg/cubic m as Mo	5 mg/cubic m as Mo

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:* Vinegar	*Boiling Point:* Unknown	*Melt. Point:* N/A
Vapor Pressure: Unknown	*Vapor Density:* Unknown	*pH:* 4	

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:
☒ *Stable*
☐ *Unstable*

Conditions to avoid: Heat

Incompatibility (Materials to avoid):
Strong alkali, sulfuric acid, metals

Hazardous Decomposition Products: N/A

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 4250 mg/kg for sodium molybdate dihydrate solid

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

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

Other Health Related Comments:

Target Organs: N/A

Signs and symptoms of exposure:
Vapors and liquid cause irritation to eyes, skin, and respiratory system. Harmful if swallowed.

Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Consult physician if irritation persists.

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

Inhalation:
Remove to fresh air.

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

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
Ventilate area. Avoid breathing vapor. Neutralize with sodium bicarbonate. Mop up carefully and pour down drain with excess water.

Disposal:
Flush down drain with excess water. Dispose 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: Avoid contact with skin. Use with adequate ventilation.

11. SPECIAL PRECAUTIONS

N/A

DATE: 12/13/03

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.