MATERIAL SAFETY DATA SHEET

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

1. PRODUCT IDENTIFICATION

Inhibitor Solution
(11% sodium sulfide)

Code Nr. **9258**

2. HAZARDOUS INGREDIENTS

NAME	*CAS #*	*TSCA #*	*%*	*PEL*	*TLV*
Sodium Sulfide, 9-hydrate	1313-84-4	1313-82-2	35	10 ppm as H2S	10 ppm as H2S

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:* Pungent sulfide	*Boiling Point:* Unknown	*Melt. Point:* Unknown
Vapor Pressure: Unknown	*Vapor Density:* Unknown	*pH:* 13 - 14	

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 - 2 *Flammability -* 1 *Reactivity -* 1 *Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least*

Special Fire Fighting Procedures:
Firefighters wear SCBA.

Unusual Fire & Explosion Hazard:
May emit toxic, flammable vapors of hydrogen sulfide under fire conditions

6. REACTIVITY DATA

Stability:
☒ *Stable*
☐ *Unstable*

Conditions to avoid: Contact with acids liberates poisonous gas

Incompatibility (Materials to avoid):
Strong oxidizers, acids, metals

Hazardous Decomposition Products: hydrogen sulfide gas (highly toxic)

7. HEALTH HAZARD DATA

Toxicity: Unknown

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

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

Other Health Related Comments:

Target Organs: Eyes, Heart, Skin,

Signs and symptoms of exposure:
Vapors harmful. May be fatal if swallowed. Direct contact with eyes can cause blindness. Irritating to skin.

Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush with water for 15 minutes. Get prompt medical attention.

Ingestion: Do not induce vomiting. Give water. Call a doctor immediately.

Inhalation:
Remove to fresh air. Give artificial respiration if breathing has stopped. If breathing is difficult, give oxygen.

Skin Contact:
Immediately flush with water. Remove affected clothing and flush skin thoroughly. Wash with soap and water.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
Mop up carefully and collect in non-metal container. Small spill: Flush down drain with plenty of running water. Large spills: Treat as follows-

Disposal:
In fume hood,add sulfide waste to solution of 1M Ferric Chloride in 3-fold excess w/stirring until precipitation complete.Neutralize w/sodium bicarbonate.Decant neutralized liquid & flush to drain w/extra H20.Dry precipitate & dispose as haz.waste according to federal,state & local regs.

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 contact with eyes and skin. Wash after handling.

11. SPECIAL PRECAUTIONS

Store away from acids, heat sources, and protect from light and air.

DATE: 7/12/02

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.