MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY
PO BOX 329 - CHESTERTOWN - MARYLAND - 21620
TELEPHONE # FOR INFORMATION 410-778-3100

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

1. PRODUCT IDENTIFICATION

Potassium Reagent B Tablets *Code Nr.* **5161**

2. HAZARDOUS INGREDIENTS

	NAME	CAS #	TSCA #	%	PEL	TLV
^	Sodium Nitrite	7632-00-0		60	N/E	N/E
^	Sodium Cobaltinitrite	13600-98-1		29	N/E	N/E

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

NAME	CAS #	%
Sodium Benzoate	532-32-1	11

4. PHYSICAL DATA

Appearance: Small Gold Tablet

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

Vapor Pressure: N/A | *Vapor Density:* N/A | *pH:* 6(1 tablet in 10mL water)

5. FIRE AND EXPLOSION DATA

Flash Point (method used) N/A | *Flammable Limit: LEL:* N/A | *UEL:* N/A

Extinguishing Media: Water spray

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

Special Fire Fighting Procedures:
N/A

Unusual Fire & Explosion Hazard:
May emit toxic fumes or explode under fire conditions.

6. REACTIVITY DATA

Stability:
☒ *Stable*
☐ *Unstable*

Conditions to avoid: Heat, moisture

Incompatibility (Materials to avoid):
Strong reducers, acids, organics

Hazardous Decomposition Products: NOx

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 85 mg/kg for sodium nitrite

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

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

Other Health Related Comments:

Target Organs: Blood, Heart, Lungs,

Signs and symptoms of exposure:
Toxic, irritant, sensitizer. Harmful if swallowed or inhaled.

Medical Condition Aggravated by Exposure: Asthma

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush thoroughly with water for 15 minutes.

Ingestion: Induce vomiting immediately. Consult a physician.

Inhalation:
Remove to fresh air.

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

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
Avoid crushing tablets and raising dust. Sweep up, dissolve in water and flush down drain.

Disposal:
Dissolve in water and flush down drain. 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 handling tablets.

11. SPECIAL PRECAUTIONS

Wash after handling.

DATE: 5/15/02

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.