

Chemical Emergencies Only (Spill, Fire, Accident): Chemtrec 800-424-9300

Medical Emergency: Local Poison Control Center

1. PRODUCT IDENTIFICATION

Potassium Reagent B Tablets

Code Nr. 5161

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PBL	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 Mel. 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: LFL: N/A UFL: N/A

Extinguishing Media: Water spray

HMS Hazard: Health - 2 Flammability - 0 Reactivity - 1 Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Less

Special Fire Fighting Procedures:

N/A

Unusual Fire & Explosion Hazard:

May emit toxic fumes or explode under fire conditions.

6. REACTIVITY DATA

Stability: Conditions to avoid: Heat, moisture

☒ Stable Incompatibility (Materials to avoid):

☐ Unstable Strong reducers, acids, organics

Hazardous Decomposition Products: NOx

7. HEALTH HAZARD DATA

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

Primary Route of Entry: ☒ Inhalation ☒ Skin ☐ Carcinogenicity: ☒ None ☐ NTP
☒ Ingestion ☐ N/A ☐ 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/Hygiene Practices: Avoid handling tablets.

11. SPECIAL PRECAUTIONS

Wash after handling.

DATE: 6/25/1999

† This is a toxic chemical subject to reporting requirements of

section 313 of EPCRA and 40CFR372.

V# 051700
12-30-97

C08955
POTASH REGENT B 100 TABLET



F10 - 16F

R1000

C9351
C8709
C8950
C8710
C8682