

Material Safety Data Sheet

ThermoFisher
SCIENTIFIC

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I. PRODUCT INFORMATION

Product: VISISPOT

Components:	Buffer Reagent:	Sodium chloride, Sodium azide
	Color Reagent:	Monosodium phosphate, Disodium phosphate, Brij 35, Sodium Axide, Hydrochloric Acid, Absolute Methanol, p-dimethylaminocinnamaldehyde, Sodium dodecyl sulfate
	BCI-GLU:	Tris Base, Tris hydrochloride, 95% ethyl alcohol 5-Bromo-r-chloro-3-indolyl-B-D-glucopyranoside
	PYR Reagent:	Methyl alcohol L-pyrogutamic acid B-naphthylamide

Sodium Azide: Poison

II. TOXICITY HAZARDS

Poison - due to the presence of Sodium Azide

III. PHYSICAL DATA

- Appearance:** Color Reagent: Yellow
Reagents Dispensed on Cards: Colorless
- Odor:** Color Reagent: Pungent Cards: N/A
- Boiling Point:** Color reagent: 118°F
- Evaporation Rate:** N/A
- Specific Gravity:** N/A
- pH:** H/A
- Osmolality:** N/A
- Water Solubility:** 100%

IV. FIRE & EXPLOSION INFORMATION

- Flash Point:** 109°F
- Fire Extinguishing Media:** CO₂, dry chemical, alcohol foam, foam and mist
- Fire Fighting Procedures:** Cool fire-exposed areas with water spray.
- Explosion Hazards:** Some danger is exposed to flame.

V. HEALTH HAZARDS

- Threshold Limit Value:** Unknown
- Effects of Overexposure:** Color Reagent

Skin irritant, can cause burns and severe skin irritation. In case of contact with skin, eyes or clothing, flush with water and remove contaminated clothing. Seek physician for treatment. If swallowed, seek medical treatment. Treat with magnesia, chalk or whiting in water. Reagents on cards represent no potential exposure.

3. Routes of Exposure:

- a. Ingestion: Toxic - Poisonous
- b. Inhalation: When heated to decomposition, emits toxic fumes.
- c. Skin Contact: Irritant, can cause burns.
- d. Skin Absorption: N/A
- e. Eye Contact: Irritant, can cause burns.

4. Emergency First Aid Procedures:

- a. Ingestion: Contact a physician immediately. Treat with magnesia, chalk or whiting in water.
- b. Contact with skin or eyes, flush with water and seek medical treatment.

VI. REACTIVITY

1. **Stability:** Stable

2. **Incompatibilities:** Avoid contact with heat or flames. Can react vigorously with oxidizing agents.

3. **Hazardous Decomposition:** N/A

VII. SPILL / LEAK and DISPOSAL PROCEDURES

1. **Spills:** If flushed down drain, follow with plenty of water.

2. **Disposal:** Dispose of in accordance with Local, State and Federal Regulations.

VIII. PROTECTIVE INFORMATION (OCCUPATIONAL CONTROL MEASURE)

1. Protective Equipment:

- a. Skin Protection: N/A - Gloves should be worn when handling any potential infectious material.
- b. Eye Protection: Use safety glasses if danger of spills or splashes.

2. **Ventilation:** N/A

IX. HANDLING AND STORAGE: SPECIAL PRECAUTIONS

Store according to label instructions.

Avoid disposing of liquid or powder through copper or lead drains. Copper and lead form explosive azides.