

Safety Data Sheet for Bromazolam

1. Identification of the Substance

- **Substance Name:** Bromazolam
- **Chemical Formula:** C₁₇H₁₃BrN₄
- **CAS Number:** [Not formally assigned]
- **Intended Use:** Research chemical
- **Supplier:** Novel Science Shop, 32 N Gould St, Sheridan, WY 82801, United States

2. Hazard Identification

- **Classification:** This substance is classified as hazardous.
- **Hazard Statements:**
 - H302: Harmful if swallowed.
 - H332: Harmful if inhaled.
 - H319: Causes serious eye irritation.
- **Precautionary Statements:**
 - P280: Wear protective gloves/protective clothing/eye protection.
 - P301+P312: IF SWALLOWED: Call a POISON CENTER if feeling unwell.

3. Composition/Information on Ingredients

- **Substance:** Bromazolam
- **Purity:** 98% or as provided by supplier.

4. First-Aid Measures

- **Inhalation:** Move to fresh air, consult a physician if symptoms occur.
- **Skin Contact:** Rinse thoroughly with water. Remove contaminated clothing.
- **Eye Contact:** Rinse cautiously with water for several minutes.
- **Ingestion:** Rinse mouth, seek medical attention.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Dry chemical, CO₂, or water spray.
- **Fire Hazards:** Emits toxic fumes under combustion.
- **Protection for Firefighters:** Wear self-contained breathing apparatus.

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation; use PPE.
- **Environmental Precautions:** Avoid release to the environment.
- **Cleanup:** Collect with an inert absorbent material.

7. Handling and Storage

- **Handling:** Use in well-ventilated areas; avoid inhaling dust.
- **Storage:** Store in a cool, dry place, tightly closed container.

8. Exposure Controls/Personal Protection

- **Engineering Controls:** Ensure adequate ventilation.
- **PPE:**
 - Respiratory: NIOSH-approved respirator.
 - Hand: Protective gloves.
 - Eye: Safety goggles.

9. Physical and Chemical Properties

- **Appearance:** White to off-white powder.
- **Boiling Point:** Not available.
- **Melting Point:** ~220°C (estimate)
- **Solubility:** Limited in water, soluble in organic solvents.

10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Incompatibility:** Strong oxidizing agents.
- **Hazardous Decomposition:** Bromine compounds, nitrogen oxides.

11. Toxicological Information

- **Acute Toxicity:** Harmful if inhaled or ingested.
- **Potential Effects:** May cause drowsiness or dizziness.
- **Chronic Effects:** No data available; handle with caution.