

Safety Data Sheet (SDS)

Ethylbromazolam

Revision Date: 06/2026

Version: 1.0

1 Identification

Product Identifier: Ethylbromazolam
Synonyms: Ethyl-bromazolam; N-Ethyl Bromazolam
CAS Number: 105470-75-5
Molecular Formula: C₁₈H₁₅BrN₄
Molecular Weight: 367.2 g/mol
Recommended Use: Laboratory research chemical
Restrictions on Use: For laboratory research use only.
Not for human or veterinary use.
Supplier: Sunnyside Research Store
Contact: Sales@SunnysideResearchStore.net
Emergency Information: In case of emergency, contact local poison center or emergency services.

2 Hazard(s) Identification

Signal Word: Warning
GHS Classification (provisional): Acute Toxicity, Oral Category 4; Acute Toxicity, Dermal Category 4; Acute Toxicity, Inhalation Category 4.
Hazard Statements: H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled.
Precautionary Statements: P261 Avoid breathing dust, mist, or vapors.
P280 Wear protective gloves, protective clothing, and eye protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P330 Rinse mouth.
P405 Store locked up.
P501 Dispose of contents/container in accordance with regulations.
Additional Hazard Information: May cause sedation, dizziness, impaired coordination, and central nervous system depression.

3 Composition / Information on Ingredients

Chemical Name: Ethylbromazolam
CAS Number: 105470-75-5
Purity: ≥98% typical research grade
Formula: C₁₈H₁₅BrN₄

4 First Aid Measures

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.
Eye Contact: Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do.
Ingestion: Rinse mouth. Do not induce vomiting.
Seek immediate medical attention.

5 Firefighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide, alcohol-resistant foam, or water spray.
Specific Hazards: Combustion may produce toxic nitrogen oxides, carbon oxides, and bromine-containing fumes.
Protective Equipment: Firefighters should wear self-contained breathing apparatus and protective gear.

6 Accidental Release Measures

Personal Precautions: Wear appropriate PPE. Avoid dust formation and avoid breathing dust.
Methods for Cleanup: Collect with inert absorbent material or suitable vacuum methods and dispose in accordance with regulations.
Environmental Precautions: Prevent release to drains or waterways.

7 Handling and Storage

Handling: Use in a fume hood or well-ventilated area.
Avoid inhalation, ingestion, and skin or eye contact.
Storage: Store tightly sealed, locked, cool, dry, and protected from light.

8 Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation recommended.
Personal Protection: Gloves, lab coat, and eye protection.
Respirator if dust or aerosol may form.

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9 Physical and Chemical Properties

Appearance:	White to off-white powder
Odor:	Odorless or faint characteristic odor
Physical State:	Solid
Solubility:	Poorly soluble in water; soluble in some organic solvents
Melting Point:	Not fully established
pH:	Not applicable
Boiling Point:	Not applicable
Flash Point:	Not determined

10 Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Heat, moisture, light, and strong oxidizing agents.
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	Nitrogen oxides, carbon oxides, hydrogen bromide, and other toxic fumes.

11 Toxicological Information

Data not fully available.	
Likely Routes of Exposure:	Inhalation, ingestion, skin contact, eye contact.
Expected Effects Based on Class:	Sedation, dizziness, impaired coordination, and respiratory depression.
Acute Toxicity:	Harmful if swallowed, in contact with skin, or if inhaled.
Chronic Toxicity:	No adequate data available.

12 Ecological Information

Ecotoxicity:	No adequate data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Additional Note:	Prevent release to the environment.

13 Disposal Considerations

Dispose of contents and container in accordance with local, regional, national, and institutional regulations. Do not release to drains or the environment.

14 Transport Information

UN Number:	Not assigned / not determined.
Proper Shipping Name:	Not determined.
Hazard Class:	Not determined.
Packing Group:	Not determined.
Transport Notes:	Ship only in compliance with applicable regulations.

15 Regulatory Information

For laboratory research use only.
Not for human or veterinary use.
Users are responsible for compliance with applicable federal, state, local, and institutional regulations.

16 Other Information

Prepared for laboratory safety communication purposes only.
The information is based on available data and is believed to be accurate to the best of current knowledge, but is not guaranteed.
End of Safety Data Sheet.