

## SAFETY DATA SHEET

Revision Date 12/04/2025

### 1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product identifiers**  
 Product name : HOOBt  
 Product Number : RC6105  
 Brand : Advanced ChemTech  
 CAS-No. : 28230-32-2
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses : Laboratory chemicals, Manufacture of substances
- 1.3 Details of the supplier of the safety data sheet**  
 Company : Advanced ChemTech  
 5609 Fern Valley Rd, Louisville, KY 40228 USA  
 Telephone : +1 833-317-5620  
 Fax : +1 502-968-1000
- 1.4 Emergency telephone number** : +1 800-424-9300 Chemtrec

### 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
 Flammable solids (Category 1), H228  
 Skin irritation (Category 2), H315  
 Eye irritation (Category 2A), H319  
 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335  
 For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 GHS Label elements, including precautionary statements:**

Pictogram



- |                            |  |
|----------------------------|--|
| Signal word                | Danger   |
| Hazard statement(s)        |  |
| H228                       | Flammable solid.   |
| H315                       | Causes skin irritation.  |
| H319                       | Causes serious eye irritation.   |
| H335                       | May cause respiratory irritation.  |
| Precautionary statement(s) |  |
| P210                       | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.   |
| P240                       | Ground/bond container and receiving equipment.   |
| P241                       | Use explosion-proof electrical/ ventilating/ lighting/ equipment.  |
| P261                       | Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.   |
| P264                       | Wash skin thoroughly after handling.   |
| P271                       | Use only outdoors or in a well-ventilated area.  |
| P280                       | Wear protective gloves/ protective clothing/ eye protection/ face protection.  |
| P302 + P352                | IF ON SKIN: Wash with plenty of soap and water.  |
| P304 + P340 IF             | INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                    |
| P305 + P351 + P338         | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312                       | Call a POISON CENTER or doctor/ physician if you feel unwell.  |
| P321                       | Specific treatment (see supplemental first aid instructions on this label).  |
| P332 + P313                | If skin irritation occurs: Get medical advice/ attention.  |
| P337 + P313                | If eye irritation persists: Get medical advice/ attention.   |
| P362                       | Take off contaminated clothing and wash before reuse.  |
| P370 + P378                | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  |
| P403 + P233                | Store in a well-ventilated place. Keep container tightly closed.   |
| P405                       | Store locked up.   |
| P501                       | Dispose of contents/ container to an approved waste disposal plant.  |
- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances**  
 Synonyms : 3-Hydroxy-1,2,3-benzotriazin-4(3H)-one  
 Formula : C<sub>7</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight : 163.13 g/mole  
 CAS-No. : 28230-32-2

Component	Classification	Concentration
3-Hydroxy-1,2,3-benzotriazin-4(3H)-one	Flam. Sol. 1; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H228, H315, H319, H335	90-100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

### 4. FIRST AID MEASURES

- 4.1 Description of first aid measures**  
**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.  
**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.



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### 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No data available  
**10.2 Chemical stability:** Stable under recommended storage conditions.  
**10.3 Possibility of hazardous reactions:** No data available  
**10.4 Conditions to avoid:** Heat, flames and sparks. Extremes of temperature and direct sunlight.  
**10.5 Incompatible materials:** Strong oxidizing agents  
**10.6 Hazardous decomposition products:** Other decomposition products - no data available. In the event of fire: see section 5

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### 11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**  
**Acute toxicity:** No data available  
**Inhalation:** No data available  
**Dermal:** No data available  
**Skin corrosion/irritation:** No data available  
**Serious eye damage/eye irritation:** No data available  
**Respiratory or skin sensitization:** No data available  
**Germ cell mutagenicity:** No data available  
**Carcinogenicity:**  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.  
**Reproductive toxicity:** No data available  
**Specific target organ toxicity - single exposure:** Inhalation - May cause respiratory irritation.  
**Specific target organ toxicity - repeated exposure:** No data available  
**Aspiration hazard:** No data available  
**Additional Information:** RTECS: Not available Salivation, Nausea, Abdominal pain, Vomiting, Fever, Rapid respiration, Fluoride ion can reduce serum calcium levels possibly causing fatal hypocalcemia., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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### 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity:** No data available  
**12.2 Persistence and degradability:** No data available  
**12.3 Bioaccumulative potential:** No data available  
**12.4 Mobility in soil:** No data available  
**12.5 Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted  
**12.6 Other adverse effects:** No data available

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### 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**  
**Product:** Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.  
**Contaminated packaging:** Dispose of as unused product.

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### 14. TRANSPORT INFORMATION

**DOT (US)**  
UN number: 1325                      Class: 4.1                      Packing group: II  
Proper shipping name: Flammable solids, organic, n.o.s. (3-Hydroxy-1,2,3-benzotriazin-4(3H)-one)  
Reportable Quantity (RQ):  
Marine pollutant: No Poison  
Inhalation Hazard: No  
**IMDG**  
UN number: 1325                      Class: 4.1                      Packing group: II                      EMS-No: F-A, S-G  
Proper shipping name: FLAMMABLE SOLID, ORGANIC, N.O.S. (3-Hydroxy-1,2,3-benzotriazin-4(3H)-one)  
Marine pollutant: No  
**IATA**  
UN number: 1325                      Class: 4.1                      Packing group: II  
Proper shipping name: Flammable solid, organic, n.o.s. (3-Hydroxy-1,2,3-benzotriazin-4(3H)-one)

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### 15. REGULATORY INFORMATION

**REACH No. :** A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

**SARA 302 Components**  
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**  
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** Fire Hazard, Acute Health Hazard

**Massachusetts Right to Know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right to Know Components**

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**New Jersey Right to Know Components**

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28230-32-2

Revision Date

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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### 16. OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3.

Eye Irrit.	Eye irritation
Flam. Sol.	Flammable solids
H228	Flammable solid.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Skin Irrit.	Skin irritation STOT SE Specific target organ toxicity - single exposure

#### HMIS Rating

Health hazard: 2

Chronic Health Hazard:

Flammability: 3

Physical Hazard 3

#### NFPA Rating

Health hazard: 2

Fire Hazard: 3

Reactivity Hazard: 3

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Advanced ChemTech shall not be liable for any damage resulting in the handling or from contact with the above product.