



## Section 1 - Chemical Product and Company Identification

**Product Name** HOBt Anhydrous extrapure, 99%  
**Product Code** 38653  
**CAS No** 2592-95-2  
**Company Name** Sisco Research Laboratories Pvt. Ltd.  
**Address** 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Andheri (E), Mumbai - 400 099, India

## Section 2 - Composition/Information on Ingredients

CAS#	Component	%	EINECS#
2592-95-2	1H-Benzotriazole, 1-hydroxy-hydrate	99%	219-989-7
	1H-Benzotriazole, 1-hydroxy		

## Section 3 - Hazards Identification

Classification - This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard Statements - Explosive: fire, blast or projection hazard

## Section 4 - First Aid Measures

**Eyes:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**Skin:** In case of contact, immediately wash skin with soap and copious amounts of water.

**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

## Section 5 - Fire Fighting Measures

### Extinguishing Media

**Suitable:** Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Specific Hazard(s):** Emits toxic fumes under fire conditions.

**Special Protective Equipment For Firefighters:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## Section 6 - Accidental Release Measures

### Procedure(S) Of Personal

**Precaution(S):** Wear respirator, chemical safety goggles, rubber boots, and



**Methods For Cleaning Up:** heavy rubber gloves.  
Absorb on sand or vermiculite and place in closed containers for disposal.  
Ventilate area and wash spill site after material pickup is complete.

## Section 7 - Handling and Storage

**Handling:** Do not breathe vapor or spray mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Use only non-sparking tools.

**Storage:** Explosives. Keep in dry, cool & well-ventilated place. Keep container tightly closed.

## Section 8 - Exposure Control / Personal Protection

**Engineering Controls:** Mechanical exhaust required. Safety shower and eye bath.

**General Hygiene Measures:** Wash thoroughly after handling.

### Personal Protective Equipment

**Respiratory Protection:** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

**Hand Protection:** Compatible chemical-resistant gloves.

**Eye Protection:** Chemical safety goggles.

## Section 9 - Physical and Chemical Properties

Physical State:	Powder
Colour:	white
Molecular Formula:	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub> O
Molecular Weight:	135.13
Solubility (Turbidity) 5% solution in methanol	Clear
Melting Point	158-160°C
Water	max.0.5%

## Section 10 - Stability and Reactivity

**Stability:** Stable.

**Materials to Avoid:** Strong oxidizing agents.

### Hazardous Decomposition

**Products :** Carbon monoxide, carbon dioxide, and nitrogen oxides.

**Hazardous Polymerization:** Will not occur

## Section 11 - Toxicological Information

Signs And Symptoms



**Of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Route Of Exposure**

**Skin Contact:** Causes skin irritation.

**Skin Absorption:** May be harmful if absorbed through the skin.

**Eye Contact:** Causes eye irritation.

**Inhalation:** May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

**Ingestion:** May be harmful if swallowed.

**Target Organ Information:** Lymphatic system. Thymus. Bone marrow. Spleen.

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Considerations

**Substance Disposal:** Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## Section 14 - Transport Information

### IMDG Information

**UN Number:** 3474

**Hazard Class:** 4.1

**Packing Group:** 1

## Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.