



## Section 1 - Chemical Product and Company Identification

**Product Name** Benzyl Alcohol extrapure, 99%  
**Product Code** 92300  
**CAS No** 100-51-6  
**Use for** Laboratory Chemicals.  
**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#	Chemical Name:	%	EINECS#
100-51-6	Benzyl alcohol	<=100	202-859-9

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

Harmful by inhalation and if swallowed.

#### Potential Health Effects

**Eye:** May cause moderate eye irritation. Causes redness and pain.

**Skin:** Causes moderate skin irritation. Prolonged and/or repeated contact may cause defatting of the skin and dermatitis. Causes redness and pain. May be harmful if absorbed through the skin.

**Ingestion:** Harmful if swallowed. May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns.

**Inhalation:** Harmful if inhaled. Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause respiratory tract irritation.

**Chronic:** Prolonged or repeated skin contact may cause dermatitis.

## Section 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Get medical aid. Wash mouth out with water.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:**

## Section 5 - Fire Fighting Measures



**Product Code** 92300

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

## Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

## Section 7 - Handling and Storage

**Handling:** Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Use only in a chemical fume hood.

**Storage:** Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container. Store protected from light. Store under nitrogen. Store in Room temperature

## Section 8 - Exposure Control / Personal Protection

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Exposure Limits** CAS# 100-51-6

### Personal Protective Equipment

**Eyes:** Wear chemical splash goggles.

**Skin:** Wear appropriate gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Color:** Clear

**Boiling Point:** 202-205 deg C

**Specific Gravity/Density:** 1.040-1.045

**Molecular Formula:** C<sub>7</sub>H<sub>8</sub>O

**Molecular Weight:** 108.14

## Section 10 - Stability and Reactivity



[www.srlchem.com](http://www.srlchem.com)

**Product Code** 92300

**Chemical Stability:** Air sensitive. Hygroscopic: absorbs moisture or water from the air. Slowly oxidized by atmospheric oxygen.

**Conditions to Avoid:** Incompatible materials, light, exposure to air, exposure to moist air or water, heat.

**Incompatibilities with**

**Other Materials :** Strong oxidizing agents, acids, aluminum, coatings, iron, plastics, sulfuric acid, nonmetal halides (e.g. diselenium dichloride, disulfur dichloride, phosphorus trichloride).

**Hazardous Decomposition**

**Products :** Carbon monoxide, carbon dioxide.

**Hazardous Polymerization :** May occur.

## Section 11 - Toxicological Information

**RTECS#:** CAS# 100-51-6: DN3150000

**LD50/LC50:** RTECS: CAS# 100-51-6:

Draize test, rabbit, skin: 100 mg/24H Moderate;

Inhalation, mouse: LC50 = >500 mg/m<sup>3</sup>;

Inhalation, rat: LC50 = >500 mg/m<sup>3</sup>;

Oral, mouse: LD50 = 1360 mg/kg;

Oral, mouse: LD50 = 1360 mg/kg;

Oral, rabbit: LD50 = 1040 mg/kg;

Oral, rabbit: LD50 = 1040 mg/kg;

Oral, rat: LD50 = 1230 mg/kg;

Oral, rat: LD50 = 1660 mg/kg;

Skin, rabbit: LD50 = 2000 mg/kg;

Skin, rat: LD50 = 100 pph/90M;

**Carcinogenicity:** Benzyl alcohol - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Other:** See actual entry in RTECS for complete information.

## Section 12 - Ecological Information

**Ecotoxicity:** Fish: Fathead Minnow: LC50: 770-460 mg/l; 48-96 h; .

Daphnia: Water Flea: EC50: 400 mg/l; 48h; .

Fish: Leuciscus idus: LC50: 646 mg/l; 48h; .

**Other:** Readily biodegradable. Log Pow: 1.1 BOD<sub>5</sub>: 70%

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

## Section 14 - Transport Information



[www.srlchem.com](http://www.srlchem.com)

---

**Product Code** 92300

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Not regulated as a hazardous material	Not regulated as a hazardous material	Not regulated as a hazardous material

**Hazard Class:**

**UN Number:**

**Packing Group:**

## Section 15 - Regulatory Information

### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases: R 20/22 Harmful by inhalation and if swallowed.

Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)CAS# 100-51-6: 1

Canada CAS# 100-51-6 is listed on Canada's DSL List

### US Federal

TSCA CAS# 100-51-6 is listed on the TSCA Inventory.

## 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.