



Section 1 - Chemical Product and Company Identification

Product Name Benzyl Alcohol extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.7%, aldehyde
100ppm
Product Code 84758
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



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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 15° - 20°C.

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: C7H8O

Molecular Weight: 108.14

Section 10 - Stability and Reactivity



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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/m³;

Inhalation, rat: LC50 = >500 mg/m³;

Oral, mouse: LD50 = 1360 mg/kg;

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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 BOD₅: 70%

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

Shipping Name: IATA IMO RID/ADR
Not Regulated for Transport (Non-Haz)

Hazard Class:

UN Number:

Packing Group:



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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.