



## Section 1 - Chemical Product and Company Identification

**Product Name** Benzoic Acid extrapure AR, 99.9%  
**Product Code** 64239  
**CAS No** 65-85-0  
**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#
65-85-0	Benzoic acid	<=100	200-618-2

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

#### Potential Health Effects

**Eye:** Causes severe eye irritation. Causes redness and pain.

**Skin:** Causes skin irritation. May be harmful if absorbed through the skin. May cause sensitization by skin contact.

**Ingestion:** Harmful if swallowed. May cause irritation of the digestive tract.

**Inhalation:** Causes respiratory tract irritation. May be harmful if inhaled. May cause respiratory sensitization.

**Chronic:**

## 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

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors or dust may form explosive mixture with air.

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



Product Code 64239

## Section 6 - Accidental Release Measures

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

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

## Section 7 - Handling and Storage

**Handling:** Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:** Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container.

## 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 ventilation to keep airborne concentrations low.

**Exposure Limits** CAS# 65-85-0

### Personal Protective Equipment

**Eyes:** Wear chemical splash goggles.

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

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**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:** Crystalline Powder

**Melting Point:** 121 - 123 deg C

**Molecular Formula:** C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>

**Molecular Weight:** 122.12

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials.

### Incompatibilities with

**Other Materials :** Strong oxidizing agents, strong reducing agents, strong bases.

### Hazardous Decomposition

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

**Hazardous Polymerization :** Will not occur.

## Section 11 - Toxicological Information



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**Product Code** 64239

**RTECS#:** CAS# 65-85-0: DG0875000

**LD50/LC50:** RTECS: CAS# 65-85-0:

Draize test, rabbit, eye: 100 mg Severe;  
Draize test, rabbit, skin: 500 mg/24H Mild;  
Inhalation, rat: LC50 = >26 mg/m<sup>3</sup>/1H;  
Oral, mouse: LD50 = 1940 mg/kg;  
Oral, rat: LD50 = 1700 mg/kg;  
Skin, rabbit: LD50 = >10 gm/kg;.  
Other: Inhalation rat: LC50 > 12.2 mg/L/4h

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

**Other:** See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated. Mutagenicity: Ames-test: negative.

## Section 12 - Ecological Information

**Ecotoxicity:** Fish: Mosquito Fish: LC50: 180 mg/l; 96h; .

Fish: Bluegill/Sunfish: LC50: 44.6 mg/l; 96h; .

Fish: Rainbow trout: LC50: 47.3 mg/l; 96h; .

Daphnia: Daphnia: EC50: >100 mg/l; 48h; .

Algae: EC50: 10-100 mg/l; 72h; .

**Other:** Readily biodegradable.Log Pow: 1.87

## Section 13 - Disposal Considerations

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

## Section 14 - Transport Information

	IATA	IMO	RID/ADR
<b>Shipping Name:</b>	Not regulated.	Not regulated.	Not regulated.

**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 22 Harmful if swallowed.R 36/37/38 Irritating to eyes, respiratory system and skin.R 42/43 May cause sensitization by inhalation and skin contact.

Safety Phrases: S 22 Do not breathe dust.S 24 Avoid contact with skin.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.S 37/39 Wear suitable gloves and eye/face protection. S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)CAS# 65-85-0: 1

Canada CAS# 65-85-0 is listed on Canada's DSL List

**US Federal**

TSCA CAS# 65-85-0 is listed on the TSCA Inventory.



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# Safety Data Sheet

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**Product Code**            64239

## **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.