

CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Material Safety Data Sheet (MSDS)

Benzyl Benzoate BP

Revision Date: 16-October-2025

Version: 1.0

Section 1: Product Identification

• Product Name: Benzyl Benzoate BP

• Chemical Formula: C14H12O2

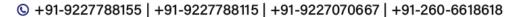
• Cas No: Na

• Synonyms: Benzoic acid benzyl ester; Benzoic acid, phenylmethyl ester; Acarosan; Ascabiol.

• **Recommended Use:** Used as a pharmaceutical excipient, antiparasitic agent, solvent, and fragrance fixative.

Section 2: Hazards Identification

- Classification (GHS): Skin irritation; Eye irritation; Acute Oral Toxicity 4; Aquatic Chronic 3.
- Signal Word: Warning
- Hazard Statements: Harmful if swallowed. Causes skin and eye irritation. Harmful to aquatic life with long lasting effects.
 - Harmful if swallowed



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- Causes skin irritation and serious eye irritation
- Combustible liquid
- Keep away from heat/sparks/open flames. No smoking
- Wear protective gloves/eye protection
- IF ON SKIN or IN EYES: Rinse cautiously with water; seek medical advice if irritation persists.

Section 3: Composition / Information on Ingredients

• Concentration: 99%

Section 4: First Aid Measures

- Inhalation: Move person to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact**: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation develops.
- Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek immediate medical attention.

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Section 5: Fire-Fighting Measures

- Suitable Extinguishing Media: Foam, dry chemical, carbon dioxide. Avoid direct water jets.
- Specific Hazards: Combustible liquid. Vapors may form explosive mixtures with air.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus and full protective gear.

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid contact with skin and eyes. Ensure adequate ventilation. Remove all ignition sources.
- Environmental Precautions: Prevent leakage into drains, surface, or ground water.
- Cleanup Methods: Absorb with inert material (sand or vermiculite) and place in a suitable container for disposal.

Section 7: Handling and Storage

- **Handling:** Handle in well-ventilated areas. Avoid breathing vapors and contact with skin and eyes.
- **Storage:** Store tightly closed in a cool, dry, well-ventilated area away from strong oxidizers and heat sources.

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Section 8: Exposure Controls / Personal Protection

- Exposure Limits: No specific exposure limits established.
- Engineering Controls: Provide adequate general and local exhaust ventilation.
- **Personal Protective Equipment:** Wear gloves, goggles, and protective clothing. Use respiratory protection if ventilation is inadequate.

Section 9: Physical and Chemical Properties

- Appearance: Colorless to pale yellow oily liquid.
- Odor: Faint aromatic odor.
- Boiling Point: 323 °C
- Flash Point: 148 °C (closed cup)
- Solubility: Practically insoluble in water; soluble in alcohol, ether, and chloroform.
- Molecular Weight: 212.25 g/mol

Section 10: Stability and Reactivity

- Stability: Stable under normal handling and storage conditions.
- Incompatible Materials: Strong oxidizing agents and strong acids.
- Hazardous Decomposition Products: Carbon oxides under fire conditions.

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Section 11: Toxicological Information

- Routes of Exposure: Inhalation, ingestion, skin and eye contact.
- Irritation: Causes skin and eye irritation.
- Chronic Effects: Prolonged exposure may cause dermatitis.

Section 12: Ecological Information

- Ecotoxicity: Harmful to aquatic organisms.
- Persistence and Degradability: Readily biodegradable.
- Bioaccumulative Potential: Moderate potential for bioaccumulation.

Section 13: Disposal Considerations

• Dispose of contents/container in accordance with local/regional/national regulations. Avoid release into the environment.

Section 14: Transport Information

UN Number: UN3082

• Proper Shipping Name: Benzyl Benzoate BP

• Hazard Class: 9

• Packing Group: III

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Section 15: Regulatory Information

- Complies with BP (British Pharmacopoeia) standards and listed under major international chemical inventories.
- Classified as hazardous substance as per GHS.

Section 16: Other Information

Disclaimer: The above information is believed to be correct but does not claim to be
exhaustive. Users are responsible for verifying suitability under actual conditions of use.
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