

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; Acaroson; 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

- 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.

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.

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.

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

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. **Triveni chemicals** disclaims any liability for damage resulting from handling or contact.