

Safety Data Sheet (SDS) Benzoic Acid Feed Grade

Prepared according to Regulation (EC) No 1907/2006 (REACH)

Section 1: Identification

Product Name: Benzoic Acid Powder – Feed Grade

CAS No.: 65-85-0

EC No.: 200-618-2

Molecular Formula: C₇H₆O₂

Recommended Use: Feed additive (**for animal feed only, not for human consumption**)

Manufacturer: REHN BIOTECH CO., LTD., Tianjin, China

Address: 1806, Huijin Centre, 65, Dagu Road, Tianjin China

tel +86 22 85190519

Emergency Call +86 13602030663

Section 2: Hazards Identification

Hazard Classification (CLP Regulation (EC) No 1272/2008):

- Skin Irrit. 2 (H315: Causes skin irritation)
- Eye Dam. 1 (H318: Causes serious eye damage)
- STOT RE 1 (H372: Causes damage to organs (lungs) through prolonged or repeated inhalation exposure)

Section 3: Composition/Information on Ingredients

Substance: Benzoic Acid > 99%

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Section 4: First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

Skin Contact: Wash with plenty of soap and water.

Inhalation: Move to fresh air and keep at rest. Seek medical attention if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting. Get medical advice immediately.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media: Water spray, dry chemical, CO₂, or foam.

Protective Equipment: Firefighters should wear self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

Avoid generating dust. Ensure adequate ventilation. Collect spillage in suitable container for disposal.

Section 7: Handling and Storage

Handling: Avoid breathing dust. Use only in well-ventilated areas. Avoid contact with skin and eyes.

Storage: Keep container tightly closed in a cool, dry, well-ventilated place away from sunlight.

Section 8: Exposure Controls/Personal Protection

Provide adequate ventilation. Use protective gloves, safety goggles, and protective clothing.

Section 9: Physical and Chemical Properties

Appearance: White crystalline powder

Odor: Slight, characteristic

Melting Point: 122-123 °C

Boiling Point: 249 °C

Solubility: Slightly soluble in water

Molecular Weight: 122.12 g/mol

Section 10: Stability and Reactivity

Stable under normal conditions of use and storage.

Avoid dust formation, strong oxidizers, strong bases.

Section 11: Toxicological Information

Acute oral toxicity (rat): LD50 ~ 1700 mg/kg

Causes skin and eye irritation. Prolonged inhalation exposure may damage lungs.

Section 12: Ecological Information

Readily biodegradable. Low potential for bioaccumulation. Toxic to aquatic organisms at high concentrations.

Section 13: Disposal Considerations

Dispose of contents/container in accordance with local regulations.

Section 14: Transport Information

Not classified as dangerous goods under ADR, IMDG, IATA.

Section 15: Regulatory Information

This product is exempt from REACH registration when used as a feed additive under Regulation (EC) No 1831/2003.

Section 16: Other Information

For animal feed use only. Not for human consumption. The information above is believed to be accurate and represents the best information currently available to us.