
BE-LONG CORPORATION

P.O.Box 139. Gulou Post office, Nanjing 210008, China

Tel : ++86-25-84712602 Fax: ++86-25-84709922

<http://www.be-longgroup.com>Email: business@be-long.com.cn

SODIUM BENZOATE MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Identification of the substance or preparation

Product name : [SODIUM BENZOATE](#)

Chemical Name : SODIUM BENZOATE

Synonym : Benzoic Acid, sodium salt; Benzoate of soda; Sodium benzoic acid; Antimol

Molecular formula : C₇H₅NaO₂

Molecular Weight : 144.10

1.2. Company/Undertaking Identification

Address : P.O.Box. 139 Gulou Post Office

Nanjing, 210008 China

1.3. Emergency and contact telephone numbers

Emergency telephone: +86-25-8471 2605

Contact telephone number : +86-25-8471 5120 (Product information)

2. HAZARDS IDENTIFICATION

2.1. Emergency Overview:

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR.

2.2. Potential Health Effects:

2.3. Inhalation:

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Ingestion:

Large oral doses may cause irritation to the gastrointestinal tract.

Skin Contact:

May cause irritation with redness and pain.

Eye Contact:

May cause irritation, redness and pain.

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

No information found. Eye: May cause eye irritation.

3. FIRST AID MEASURES

3.1 Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

3.2 Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

3.3. Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

3.4 Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

4. FIRE-FIGHTING MEASURES

4.1 Fire:

As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

4.2 Explosion:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

4.3 Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire. Water spray can be used to extinguish fires and cool fire-exposed containers.

4.4 Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

5. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

6. HANDLING AND STORAGE

6.1 Storage:

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities.

6.2. Handling:

Avoid dust formation and control ignition sources. Employ grounding, venting and explosion relief provisions in accord with accepted engineering practices in any process capable of generating dust and/or static electricity. Empty only into inert or non-flammable atmosphere. Emptying contents into a non-inert atmosphere where flammable vapors may be present could cause a flash fire or explosion due to electrostatic discharge. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

7. EXPOSURE CONTROLS, PERSONAL PROTECTION

7.1 Airborne Exposure Limits:

None established.

7.2 Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

7.3 Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White granules or crystalline powder.

Odor:

Odorless.

Solubility:

Soluble in water. (1 gm/2 ml water)

Density:

1.44

pH:

No information found.

% Volatiles by volume @ 21C (70F):

0

Boiling Point:

Not applicable.

Melting Point:

> 300C (> 572F)

Vapor Density (Air=1):

No information found.

Vapor Pressure (mm Hg):

No information found.

Evaporation Rate (BuAc=1):

No information found.

9. STABILITY AND REACTIVITY

9.1 Stability:

Stable under ordinary conditions of use and storage.

9.2 Hazardous Decomposition Products:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and/or benzoic acid.

9.3 Hazardous Polymerization:

This substance does not polymerize.

9.4 Incompatibilities:

Acids, ferric salts, strong oxidizers.

9.5 Conditions to Avoid:

No information found.

10. TOXICOLOGICAL INFORMATION

Oral rat LD50: 4070 mg/kg. Investigated as a mutagen, reproductive effector.

11. ECOLOGICAL INFORMATION

Environmental Fate:

No information found.

Environmental Toxicity:

96 Hr LC50 fathead minnow: 484 mg/L (flow-through)

12. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

13. TRANSPORT INFORMATION

Not regulated.

14. ADDITIONAL INFORMATION

The previous information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations or mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither the company nor any of its affiliates makes any warranty, express or implied, including merchantability or fitness for use, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This

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