



# Safety Data Sheet


Rev. 3

Page 1 of 5

## Section 1 - Product and Company Identification

Product name : Sodium Benzoate
Other names : Sodium Benzoin
Product use : Use as industrial preservative , make -up products, dye, plastic and insect repellents.
Supplier's name : San Fu Chemical Co., Ltd.
Supplier's address : 340 Hsiao Hsin Li, Shan-Hua District, Tainan City, Taiwan, R.O.C.
Supplier's phone : 886-6-5837608                      Emergency phone : 886-6-5837608
FAX. : 886-6-5839498

## Section 2 - Hazards Identification

Classification : 1. Severe Injury/ Eye Irritation Category 2A (H319)
The Most Important Hazards and effect Label element : ■ Hazard symbol : Exclamation mark  ■ Signal word : warning
Hazard statement : 1. cause severe eye irritation (H319) 2. may cause flammable dust in the air (USH001)
Precautionary statement : 1. after treating the material, wash hands clean is necessary. (P264) 2. use proper protective clothing, impervious glove, safety goggles, respiratory protective equipments. (P280) 3. If contacted, wash with large amount of water immediately seek medical attention. (P305+P351+P338)
Others Hazard : /

## Section 3 - Composition/Information On Ingredients

Pure Substance :

Chemical name : Sodium Benzoate
Synonyms : Sodium Benzoin; benzoic acid ; Benzoate of Sodium ; Benzoic acid sodium salt
CAS No. : 532-32-1
Ingredient contributing to the hazard(%) : $\geq 99.5$

## Section 4 - First Aid Measures

The First-aid Information : ■ Inhalation : 1. Move to an air-circulated place 2. If uncomfortable occurs, seek medical attention immediately.
--



# Safety Data Sheet

Rev. 3

Page 2 of 5

<ul style="list-style-type: none"><li>■ Skin Contact :<ol style="list-style-type: none"><li>1. Take off the contaminated clothes.</li><li>2. Immediately wash contaminated area with plenty of water.</li><li>3. If irritation occurs, seek medical attention immediately.</li></ol></li><li>■ Eye Contact :<ol style="list-style-type: none"><li>1. Immediately flush eyes with large amount of water.</li><li>2. If irritation occurs, seek medical attention immediately.</li></ol></li><li>■ Ingestion :<ol style="list-style-type: none"><li>1. Rinse the mouth.</li><li>2. Give large quantities of water.</li><li>3. If irritation occurs, seek medical attention immediately.</li></ol></li></ul>
The Most Important Symptoms and Hazardous Effects :
Protection of First-aiders : Always use proper personal protective equipment (PPE) when doing the first aid.
Notes to a Physician : --

## Section 5 - Fire Fighting Measures

Extinguishing Media : Water spray, power and foam
Specific Hazards when Fire-fight : Sodium Benzoate is combustible substance. While the concentration reaches up to the limitation, easily to cause dust explosion.
Specific Fire-fighting Procedure : Spread the water to the storage tank to decrease the temperature and prevent the fire explosion. Avoid the production of the dust.
Specific Protection of Firefighters : In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

## Section 6 - Accidental Release Measures

Personal Precautions : Keep unauthorized people away, unless with used the proper protective equipments (PPE).
Environmental Precautions : <ol style="list-style-type: none"><li>1. Collect the contaminated substance in the sealed and labeled storage tank, plastic bag or recycling container.</li><li>2. Avoid dust production, prevent the dust explosion.</li></ol>
Methods for Cleaning up : Clean up sewer with large amount of water and detergent or sweep the contaminated area.

## Section 7 - Handling and Storage

Handling : <ol style="list-style-type: none"><li>1. Avoid contact with eyes, skin and clothes.</li><li>2. Avoid ingestion and inhalation</li></ol>
Storage : <ol style="list-style-type: none"><li>1. Store in the cold place.</li><li>2. Air circulated place</li><li>3. Away from acids and oxidizers.</li></ol>



# Safety Data Sheet

Rev. 3

Page 3 of 5

- |  |
|--|
| 4. Away from poisonous material, chemical material, to keep the quality. |
| 5. Could store in the paper bag.   |

## Section 8 - Exposure Controls & Personal Protection

Engineering measures : Localized ventilation fully ventilated.			
Control parameters			
TWA	STEL	Ceiling	Biological standards
--	--	--	--
Personal protective equipment :			
<ul style="list-style-type: none"><li>■ Respiratory Protection : If the exposure level is exceeding the professional limit, should use the NIOSH-approved self-contained breathing apparatus with full face piece.</li><li>■ Hand Protection : Use plastic gloves, rubber gloves</li><li>■ Eye Protection : Use chemical safety goggles, dust-proof goggles, full dust-proof face piece</li><li>■ Skin and Body Protection : Safety clothing</li></ul>			
Hygiene measures :			
<ol style="list-style-type: none"><li>1. Strictly no food in the working area.</li><li>2. Keep well interior management</li></ol>			

## Section 9 - Physical & Chemical Properties

Appearance : colorless crystallized grain or white crystallized grain	Odor : almost odorless, sweeten taste
Olfactory threshold: --	Melting Point: >300°C
pH value : 8.0 (10 % water solution @20°C)	Boiling point/boiling range : --
Flammability: --	Flash point : --
Decomposition temp : 450 ~ 475°C	Test method (Opened or closed cup) :
Auto ignition temp : --	Explosion properties : --
Vapor pressure : --	Vapor density : --
Density : 1.5 @ 20°C	Solubility : 556g/1000ml room temp.
log Kow : /	Evaporation Rate : --

## Section 10 - Stability & Reactivity Data

Stability : Stable in the normal situation
Possible hazardous reactions under specific conditions : --
Conditions to avoid : Benzoate Sodium is combustibile material. Keep away from heat, flame or other source of the fire and vapor.
Materials to avoid : Oxidizers, acids, Molysite
Hazardous decomposition products : CO and Benzoate is expected when combustion.



# Safety Data Sheet

Rev. 3

Page 4 of 5

## Section 11 - Toxicological Information

Route of exposure : Inhalation, skin contact, ingestion, Eyes
Symptoms : <ol style="list-style-type: none"><li>1. Skin contact or ingestion cause allergy: redness, feeling of burn, itchy or asthma</li><li>2. Cause anaphylactic shock, server coughing, chest restriction, dyspnea, cramp, prostration and death.</li></ol>
Immediate Toxicity : <ol style="list-style-type: none"><li>1. Skin : May cause non-allergic beehive responds within 30 minutes (redness, stripe-like bulge, burning feel, itchy)</li><li>2. Inhalation : Cause nose, throat and upper respiratory tract irritation.</li><li>3. Eye : Cause severe eye irritation</li><li>4. Ingestion : Stomachache, nausea, vomit<ul style="list-style-type: none"><li>● LD<sub>50</sub>: ( oral , rat ) : 4070 mg/kg</li><li>● LC<sub>50</sub>: ( inhalation , oral ) : --</li></ul></li></ol>
Specific effects : --

## Section 12 - Ecological Information

Ecotoxicology : -- <ul style="list-style-type: none"><li>■ LC<sub>50</sub>(fish) : 484 mg/L (96 hr)</li><li>■ EC<sub>50</sub>(Aquatic Invertebrates) : &gt;100 mg/L (96 hr)</li><li>■ Bioconcentration factor (BCF) : --</li></ul>
Persistence and degradability : -- <ul style="list-style-type: none"><li>■ Half-Life (Air) : --</li><li>■ Half-Life (Water surface) : --</li><li>■ Half-Life (Groundwater) : --</li><li>■ Half-Life (Soil) : --</li></ul>
Bioaccumulative potential : --
Mobility in soil :
Other adverse effects : Decomposition time: be decomposed fast by organism.

## Section 13 - Disposal Considerations

Methods of disposal : <ol style="list-style-type: none"><li>1. With the use of Wastewater treatment plant control, and decompose the organism.</li><li>2. The productive bags or the leakage should be incinerated under the law regarding to the international or local law and regulation.</li><li>3. Refer to the international and local environmental protective law and regulation.</li></ol>
---

## Section 14 - SDS Transport Information

UN classification number : --
Proper D.O.T Shipping Name : --
Hazard Class : --
Packing Group : --



# Safety Data Sheet

Rev. 3

Page 5 of 5

Marine pollution : --

Specific precautionary transport measures and conditions : --

## Section 15 - Regulatory Information

Regulations :

1. Occupational Safety and Health Act
2. Regulations for the Labelling and Hazard Communication of Hazardous Chemicals
3. Assessment and Classification Administration of Hazardous Chemicals.
4. Road Traffic Safety Regulations
5. Industrial Waste Storage and Disposal Regulations and Facility Standards

## Section 16 - Other Information

Literature references	MSDS database from vendor	
Prepared by	Supplier : San Fu Chemical Co., Ltd.	
	Address : 340 Hsiao Hsin Li, Shan-Hua District, Tainan City, Taiwan, R.O.C.	
	Supplier's phone : 886-6-5837608	FAX. : 886-6-5839498
	Name : Shao Chen Hsu	
Issue date	Nov-10 <sup>th</sup> 2023	Revision : 3
Re-revision date	Nov-09 <sup>th</sup> 2026	
Remarks	Symbols Explanations: "--" No information is available at this time. "/" Not applicable to this substance.	
■ This information above has consulted national or international papers and manufacturer or supplier's provided information. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make their own determination of the suitability of the information for their particular purposes.		