1. Product and Company Identification

Product Name: Sodium Benzoate
CAS#: 532-32-1
Chemical Name: Benzoic Acid, Sodium Salt
INCI Name: Sodium Benzoate
Material Uses: Industrial applications: Manufacture of cosmetics and personal care products.
Restrictions on use: Repackaged for cosmetic use only.

Supplier: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245

Information Contact: 1-360-376-8008

Emergency telephone number
In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

Country information
USA, Canada, Puerto Rico, Virgin Islands
In case of difficulties or for ships at sea
In Europe, Middle East, Africa, Asia Pacific
And South America

2. Hazards Identification

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200(g)

Classification of the substance or mixture: Causes serious eye damage, cat. 1
May cause allergy or asthma symptoms or breathing difficulties if inhaled, cat. 1

Pictograms

Signal Word: Danger

Hazard statement: Causes eye irritation
May cause skin irritation
May cause liver and lung damage
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Precautionary statement
Avoid contact with eyes, skin and clothing.
Do not breathe dust.
Use with adequate ventilation.
Prevent dust buildup on floors, walls, and equipment.
Wash thoroughly after handling.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Content %</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Benzoate</td>
<td>100%</td>
<td>532-32-1</td>
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4. First Aid Measures

In the event of exposure by inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.

In the event of skin contact:
Rinse skin with plenty of water. Cold water may be used. Cover irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before reuse. Get medical attention if irritation develops and persists.

In the event of splashes or contact with eyes:
Rinse cautiously with water for at least 15 minutes. Cold water may be used. Remove contact lenses, if present and easy to do. Get medical advice/attention.

In the event of swallowing:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. If ingestion of a large amount does occur, call a poison control center immediately.

5. Fire Fighting Measures

Flammability of the Product: May be combustible at high temperature
Auto-Ignition Temperature: Not available
Flash Point: Not available
Flammable Limits: Not available
Products of Combustion: These products are carbon oxides (CO, CO2)

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of heat.
Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available
Risks of explosion of the product in presence of static discharge: Not available
Risks of explosion of the product in presence of open flames and sparks: Slight
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Fire Fighting Media and Instructions
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits acrid fumes and disodium oxide.

Special Remarks on Explosion Hazards: Fine dust dispersed in air in sufficient concentration, and in the presence of an ignition source is a potential dust explosion hazard.

Special protective equipment for fire-fighters
As with most organic solids, fire is possible at elevated temperatures. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal precautions Normal precautions

Environmental precautions
Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Methods for cleaning up:
Dry Material can be swept up and put in an appropriate waste disposal.

7. Handling and Storage

Handling:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic.

8. Exposure Control / Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full Suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.
9. Physical and Chemical Properties

General Information:
Physical state: Solid, powder or granular

Important Health, Safety and Environmental Information:
Appearance: White powder
Odor: Odorless
Taste: Sweetish, astringent
Molecular Weight: 144.11 g/mole
Color: White
Vapor Pressure: Not available
Vapor Density: 4.97 (Air = 1)
Evaporation Rate: Negligible
pH Value: 6.0 – 7.5
Viscosity: Not available
Boiling Point: Not available
Melting Point: >300°C (572°F)
Ionicity (in water): Not available
Decomposition Temperature: Not available
Solubility in water: Easily soluble in cold, hot water
Specific Gravity/Density: Not available

10. Stability and Reactivity

Stability: The product is stable
Instability Temperature: Not available
Conditions of Instability: Excess heat, dust generation
Incompatibility with various substances: React with oxidizing agents.
Special Remarks on Reactivity: Hygroscopic; keep container tightly closed
Polymerization: Will not occur

11. Toxicological Information

Routes of Entry: Inhalation. Ingestion.
Chronic Effects on Humans: Classified POSSIBLE for humans.
Teratogenic Effects: Classified Reproductive system/toxin/female.
Developmental Toxicity: Reproductive system/toxin male.
[SUSPECTED] May cause damage to the following organs: blood, the reproductive system, liver, central nervous system (CNS).
Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of ingestion.
Special Remarks on Chronic Effects on Humans: May cause adverse reproductive effects and birth defects (teratogenic). May affect genetic material (mutagenic).
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Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: May cause skin irritation.
Eyes: Dust may cause mechanical irritation
Inhalation: May cause respiratory tract irritation
Ingestion: Ingestion of large amounts may cause gastrointestinal tract irritation with gastric pain, nausea, and vomiting. May also affect behavior/central nervous system (tremor, convulsions, change in motor activity), and respiration (dyspnea).

Chronic Potential Health Effects: Ingestion: Prolonged or repeated ingestion may affect behavior/central nervous system (symptoms similar to acute exposure) as well as liver, metabolism, blood, and urinary system.

12. Ecological Information

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are more toxic.

13. Disposal Considerations

Waste: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

UN number: Not applicable
UN proper shipping name: ADR/RID, IMDG, IATA: Not restricted
Transport hazard class(es): Not applicable
Packing group: Not applicable
Special precautions for user: No dangerous goods in the sense of these transport regulations.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No data available

15. Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Sodium benzoate
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

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Other Classifications:
WHMIS (Canada):
Not controlled under WHMIS (Canada).
DSCL (EEC):
R20/21/22 – Harmful by inhalation, in contact with skin and if swallowed
R36/38 – Irritating to eyes and skin
R63 – Possible risk of harm to the unborn child
S24/25- Avoid contact with skin and eyes

HMIS (USA):
Health Hazard: 2
Fire Hazard: 1
Reactivity: 0
Personal Protection: E

National Fire Protection Association (USA)
Health: 2
Flammability: 1
Reactivity: 0

Specific Hazard:
Protective Equipment:
Gloves
Lab coat
Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Splash goggles.

16. Other Information

Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based
on our current level of knowledge and on national and community regulations.
The product must not be used for any purposes other than those specified under heading 1 without first obtaining
written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its
comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary
handling of the material by a properly trained person using this product. Individuals receiving the information must
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