

SAFETY DATA SHEET (SDS)

Sodium benzoate papers

Issue date: 21-08-2018

Section 1: Product Identifier and Chemical Identity

| Product Identifier | |
|--|---|
| Product Name: | Sodium benzoate papers |
| Product Codes: | 174020 |
| Other means of identification: | |
| External product name and code/s: | Sodium benzoate taste test strips |
| Manufacturer: | |
| Carolina Biological Supply Company | 2700 York Road, Burlington, North Carolina, 27215, USA Website: www.carolina.com |
| Suppliers name, address and phone number | |
| Suppliers Name: | Southern Biological |
| Suppliers ABN: | 94 630 703 810 |
| Suppliers Address: | 1/44 Rushdale Street Knoxfield Victoria 3180 Australia |
| Suppliers Phone No.: | 1300 138 561 |
| Suppliers Fax No.: | +613 9753 3896 |
| Emergency Phone number (BH) | 1300 138 561 |

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Sodium Benzoate Taste Test Papers



Section 1

Product Description

Product Name: Sodium Benzoate Taste Test Papers
Recommended Use: Science education applications
Distributor: Carolina Biological Supply Company
2700 York Road, Burlington, NC 27215
1-800-227-1150
Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)
Chemtrec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2

Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;
Not a dangerous substance according to GHS classification criteria. No known OSHA hazards.

GHS Classification:

Section 3

Composition / Information on Ingredients

| Chemical Name | CAS # | % |
|----------------------|--------------|----------|
| Sodium Benzoate | 532-32-1 | 0.02 |

Section 4

First Aid Measures

Emergency and First Aid Procedures

Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Eyes: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact: After contact with skin, wash immediately with plenty of water.
Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5

Firefighting Procedures

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.
Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.
Fire and/or Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products.
Hazardous Combustion Products: Carbon dioxide, Carbon monoxide, Sodium Oxides

Section 6

Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled: No adverse health affects expected from the clean-up of spilled material.
No special spill clean-up considerations. Collect and discard in regular trash.

Section 7

Handling and Storage

Storage: Keep container tightly closed in a cool, well-ventilated place.
Storage Code: Green - general chemical storage

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Section 8

Protection Information

| <u>Chemical Name</u> | <u>ACGIH</u> (TWA) N/A | <u>(STEL)</u> N/A | <u>OSHA PEL</u> (TWA) N/A | <u>(STEL)</u> N/A |
|---|--|----------------------|---------------------------------|----------------------|
| Control Parameters | | | | |
| Engineering Measures: | | | | |
| Personal Protective Equipment (PPE): | | | | |
| Respiratory Protection: | No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. | | | |
| Eye Protection: | Lab coat, apron, eye wash, safety shower. | | | |
| Skin Protection: | No respiratory protection required under normal conditions of use. | | | |
| | Wear chemical splash goggles when handling this product. Have an eye wash station available. | | | |
| Gloves: | Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. | | | |
| | Natural rubber, Neoprene, PVC or equivalent. | | | |

Section 9

Physical Data

Formula: See Section 3
Molecular Weight:
Appearance: Solid
Odor: No data available
Odor Threshold: No data available
pH: No data available
Melting Point: No data available
Boiling Point: No data available
Flash Point: No data available
Flammable Limits in Air: No data available

Vapor Pressure: No data available
Evaporation Rate (BuAc=1): No data available
Vapor Density (Air=1): No data available
Specific Gravity: No data available
Solubility in Water: No data available
Log Pow (calculated): No data available
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available
Percent Volatile by Volume: No data available

Section 10

Reactivity Data

Reactivity: No data available
Chemical Stability: Stable under normal conditions.
Conditions to Avoid: None known.
Hazardous Decomposition Products: Sodium Oxides, Carbon dioxide, Carbon monoxide
Hazardous Polymerization: Will not occur

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Section 11

Toxicity Data

| | | | | | |
|------------------------------|---|-----------------------------|--------------------|------------------------|--|
| Symptoms (Acute): | No data available | | | | |
| Delayed Effects: | No data available | | | | |
| Acute Toxicity: | | | | | |
| Chemical Name | CAS Number | Oral LD50 | Dermal LD50 | Inhalation LC50 | |
| Sodium Benzoate | 532-32-1 | Oral LD50 Rat 2100 mg/kg | | | |
| Carcinogenicity: | | | | | |
| Chemical Name | CAS Number | IARC | NTP | OSHA | |
| Sodium Benzoate | 532-32-1 | Not listed | Not listed | Not listed | |
| Chronic Effects: | | | | | |
| Mutagenicity: | No evidence of a mutagenic effect. | | | | |
| Teratogenicity: | No evidence of a teratogenic effect (birth defect). | | | | |
| Sensitization: | No evidence of a sensitization effect. | | | | |
| Reproductive: | No evidence of negative reproductive effects. | | | | |
| Target Organ Effects: | | | | | |
| Acute: | No data available | | | | |
| Chronic: | No data available | | | | |

Section 12

Ecological Data

| | | |
|-------------------------------|---|--|
| Overview: | This material is not expected to be harmful to the ecology. | |
| Mobility: | No data | |
| Persistence: | No data | |
| Bioaccumulation: | No data | |
| Degradability: | No data | |
| Other Adverse Effects: | No data | |

| | | |
|----------------------|-------------------|--|
| Chemical Name | CAS Number | Eco Toxicity |
| Sodium Benzoate | 532-32-1 | Aquatic LC50 (96h) Fathead Minnow > 100 MG/L |
| | | Aquatic EC50 (48h) Daphnia < 650 MG/L |

Section 13

Disposal Information

| | |
|--------------------------------|---|
| Disposal Methods: | Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance. |
| Waste Disposal Code(s): | Not Determined |

Section 14

Transport Information

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|---|--|
| Ground - DOT Proper Shipping Name: | Air - IATA Proper Shipping Name: |
| Not regulated for transport by US DOT. | Not regulated for air transport by IATA. |

Section 15

Regulatory Information

| | | | | | | |
|----------------------|---|-------------------|-----------------|------------------|------------------|----------------------|
| TSCA Status: | All components in this product are on the TSCA Inventory. | | | | | |
| Chemical Name | CAS Number | § 313 Name | § 304 RQ | CERCLA RQ | § 302 TPQ | CAA 112(2) TQ |
| Sodium Benzoate | 532-32-1 | No | No | No | No | No |

| | |
|----------------------------|--|
| California Prop 65: | No California Proposition 65 ingredients |
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Section 16

Additional Information

Safety Data Sheet

Revised: 08/21/2018

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The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary

| | | | |
|--------|---|------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists | NTP | National Toxicology Program |
| CAS | Chemical Abstract Service Number | OSHA | Occupational Safety and Health Administration |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | PEL | Permissible Exposure Limit |
| DOT | U.S. Department of Transportation | ppm | Parts per million |
| IARC | International Agency for Research on Cancer | RCRA | Resource Conservation and Recovery Act |
| N/A | Not Available | SARA | Superfund Amendments and Reauthorization Act |
| | | TLV | Threshold Limit Value |
| | | TSCA | Toxic Substances Control Act |
| | | IDLH | Immediately dangerous to life and health |