



Safety Data Sheet Sodium Bicarbonate

SECTION 1: Identification

1.1 Product identifier

| | |
|----------------|-----------------------------|
| Product name | Sodium Bicarbonate |
| Product number | chem-16 |
| Brand | Bulk Apothecary |
| Substance name | Sodium Hydrogen bicarbonate |
| EC no. | 205-633-8 |

1.3 Recommended use of the chemical and restrictions on use

Cosmetic applications

1.4 Supplier's details

| | |
|---------|---|
| Name | Bulk Apothecary |
| Address | 115 Lena Dr Aurora OH 44202 United States |
| email | sales@bulkapothecary.com |

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 2B

2.2 GHS label elements, including precautionary statements

| | |
|------------------------------------|-----------------------|
| Signal word | Warning |
| Hazard statement(s) H320 | Causes eye irritation |

Safety Data Sheet

Sodium Bicarbonate

Precautionary statement(s)

P264

P305+P351+P338

P337+P313

Wash ... thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

2.3 Other hazards which do not result in classification

None

SECTION 3: Composition/information on ingredients

3.1 Substances

| | |
|------------------------|---|
| Substance name | Sodium Hydrogen bicarbonate |
| EC no. | 205-633-8 |
| Formula | CHO ₃ .Na |
| Molecular weight | 84.01 |
| Other names / synonyms | Carbonic acid sodium salt (1:1); Natrii hydrogenocarbonas; Sodium bicarbonate; Sodium bicarbonate; Sodium hydrogencarbonate; Sodium bicarbonate |

Hazardous components

1. Sodium bicarbonate

| | |
|---------------|---------------|
| Concentration | Not specified |
| EC no. | 205-633-8 |
| CAS no. | 144-55-8 |

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

| | |
|-------------------------|---|
| General advice | Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible. |
| If inhaled | If breathed in, move person into fresh air and allow to rest. If not breathing, give artificial respiration. |
| In case of skin contact | Take off contaminated clothing and shoes immediately. Wash off with mild soap and water, followed by a warm water rinse. Consult a physician if needed. |
| In case of eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. |
| If swallowed | Rinse Moutn. DO NOT induce vomiting. Obtain emergency medical attention. |

Safety Data Sheet

Sodium Bicarbonate

Personal protective equipment for first-aid responders
No Data Available.

4.2 Most important symptoms/effects, acute and delayed

Inhalation : May cause respiratory irritation
Skin Contact : Slight irritation
Eye Contact : Serious eye irritation
Ingestion : Nausea
Chronic Symptoms : Affection/discoloration of the teeth.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No Data Available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Foam, Dry powder, Carbon dioxide. Water spray, Sand.

5.2 Specific hazards arising from the chemical

No additional data available.

5.3 Special protective actions for fire-fighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering environment.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Non emergency personnel should evacuate the area. Emergency personnel and clean up crew should be equipped with proper protective gear. Ventilate the area.

6.2 Environmental precautions

Prevent entry to sewers and public waterways. Notify authorities should liquid enter sewers or public water sources.

6.3 Methods and materials for containment and cleaning up

If you spill this chemical, you should dampen the solid spill material with water, then transfer the dampened material to a suitable container. Use absorbent paper dampened with water to pick up any remaining material. Seal your contaminated clothing and the absorbent paper in a vapor-tight plastic bag for eventual disposal. Wash all contaminated surfaces with a soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

Reference to other sections

For exposure controls and personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Safety Data Sheet

Sodium Bicarbonate

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials, direct sunlight, and ignition sources.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Emergency eye wash stations should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Wear chemical goggles or safety glasses.

Skin protection

*MINIMUM PROTECTIVE CLOTHING: Not available *RECOMMENDED GLOVE MATERIALS: GlovES+ Expert System
Glove Types For The Neat (Undiluted) Chemical: This chemical has not been tested for permeation by Radian Corporation; however, the GlovES+ expert system was used to extrapolate permeation test information from compounds in the same chemical class. The GlovES+ system uses permeation data from literature sources; therefore, extra safety margins should be used with the estimated protection time(s). If this chemical makes direct contact with your glove, or if a tear, puncture or hole develops, replace them at once. The GlovES+ expert system is a tool that can help people better manage protection from chemicals, however this tool cannot replace sound judgment nor make technical decisions. Our GlovES+ expert system is designed to offer initial advice and assistance in glove selection while the final glove selection should be made by knowledgeable individuals based on the specific circumstances involved. Glove Type Model Number Thickness Estimated Protection Time mm min

Body protection

Wear protective gloves.

Respiratory protection

Respiratory protection is not required in normal conditions.

Thermal hazards

No data available

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| | |
|---|-------------------|
| Appearance/form (physical state, color, etc.) | Solid powder |
| Odor | None |
| Odor threshold | No data available |

Safety Data Sheet

Sodium Bicarbonate

| | |
|---|--------------------------------|
| pH | 8.3 0.1M Solution |
| Melting point/freezing point | 270 C° |
| Initial boiling point and boiling range | Not available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability limits | No data available |
| Upper/lower explosive limits | No data available |
| Vapor pressure | No data available |
| Vapor density | No data available |
| Relative density | 2.160 g/cm ³ |
| Solubility(ies) | Soluble in water: 6.9 G/100 ml |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | > 50 C° |
| Viscosity | No data available |
| Explosive properties | Not applicable |
| Oxidizing properties | None |

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Reacts vigorously with oxidizers and acids.

10.4 Conditions to avoid

Moisture, Incompatible Materials, High Temperatures.

10.5 Incompatible materials

Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Not Classified: pH: 8.3 .01M solution.

Serious eye damage/irritation

Causes eye irritation. pH: 8.0 0.1M solution

Respiratory or skin sensitization

Not Classified.

Germ cell mutagenicity

Not Classified.

Safety Data Sheet

Sodium Bicarbonate

Carcinogenicity

Not Classified.

Reproductive toxicity

Not Classified.

Summary of evaluation of the CMR properties

Not Classified.

STOT-single exposure

Not Classified.

STOT-repeated exposure

Not Classified.

Aspiration hazard

Not Classified.

Additional information

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Toxicity

LC50 fish 1: 8,250-9,000 mg/l

EC50 Daphnia 1: 2,350 mg/l

Persistence and degradability

Not Established

Bioaccumulative potential

Not Established

Mobility in soil

No data available on product.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

Disposal of the product

The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Safety Data Sheet

Sodium Bicarbonate

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Sewage disposal

Avoid release into sewers or other public water ways.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

New Jersey Right To Know Components

Sodium hydrogencarbonate
CAS-No. 144-55-8

Pennsylvania Right To Know Components

Sodium hydrogencarbonate
CAS-No. 144-55-8

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

SARA 311/312 Hazards

No SARA Hazards

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Canadian Domestic Substances List (DSL)

Listed on the Canadian DSL (Domestic Substance List).

Safety Data Sheet

Sodium Bicarbonate

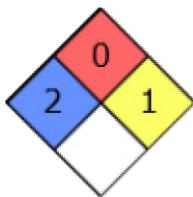
Canadian Ingredient Disclosure List (IDL)

Listed on the Canadian IDL (Ingredient Disclosure List).

HMIS Rating

| Sodium Hydrogen bicarbonate | |
|-----------------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | |
| PHYSICAL HAZARD | 1 |
| PERSONAL PROTECTION | E |

NFPA Rating



SECTION 16: Other information

SDS Version: 1.0

Revision Date: 10/05/2018

16.1 Further information/disclaimer

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