



## Safety Data Sheet Sodium Bicarbonate

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Sodium Bicarbonate
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)

1-800-633-8253

### 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

<b>Signal word</b>	<b>Warning</b>
<b>Hazard statement(s)</b> H320	Causes eye irritation
<b>Precautionary statement(s)</b>	

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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 <sub>3</sub> .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 advice. 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.

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If swallowed

Rinse Moutn. DO NOT induce vomiting. Obtain emergency medical attention.

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 availalbe.

### 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 sweres 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.

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### 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.

#### 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.

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### 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
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/cm3
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

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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.

#### **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.

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### 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

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.

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### 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).

### 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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