

# Safety Data Sheet

Alka-Seltzer

**CAROLINA**<sup>®</sup>  
www.carolina.com

## Section 1 Product Description

**Product Name:** Alka-Seltzer  
**Recommended Use:** Science education applications  
**Synonyms:** Alka-Seltzer Antacid and Pain Reliever, Effervescent Tablets  
**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;

GHS Classification:

|  |  |
|--|--|
| <b>Acute Toxicity Dermal Contains</b>      | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| <b>Acute Toxicity Inhalation Gas</b>       | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| <b>Contains</b>                            |  |
| <b>Acute Toxicity Inhalation Vapor</b>     | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| <b>Contains</b>                            |  |
| <b>Acute Toxicity Inhalation Dust/Mist</b> | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| <b>Contains</b>                            |  |

## Section 3 Composition / Information on Ingredients

| <u>Chemical Name</u>   | <u>CAS #</u>              | <u>%</u> |
|--|---------------------------|----------|
| This pharmaceutical product, available without a prescription, is for human consumption. These materials are not subject to the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. | N/A, product is a mixture | 100      |

Aspirin (CAS# 50-78-2) Approx. 10%  
Sodium Bicarbonate (CAS# 144-55-8) Approx. 50%  
Citric Acid (CAS# 77-92-9) Approx. 30-40%  
Citric Acid (CAS # 77-92-9) 30-40%  
Sodium Bicarbonate (CAS # 144-55-8) approx 50%  
Asprin (CAS # 50-78-2) approx 10%  
Composition values are approximate.

## 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 media suitable to extinguish surrounding fire.  
**Fire Fighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.  
**Fire and/or Explosion Hazards:** N/A  
**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

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## Section 6

## Spill or Leak Procedures

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## Section 7

## Handling and Storage

**Handling:** Avoid creating and inhaling dust.  
**Storage:** Suitable for any general chemical storage.  
**Storage Code:** Green - general chemical storage

## Section 8

## Protection Information

| Chemical Name     | ACGIH |        | OSHA PEL |        |
|-------------------|-------|--------|----------|--------|
|                   | (TWA) | (STEL) | (TWA)    | (STEL) |
| No data available | N/A   | N/A    | N/A      | N/A    |

### Control Parameters

**Engineering Measures:** 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.

**Personal Protective Equipment (PPE):** Not Normally Required

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**Eye Protection:** Wear chemical splash goggles when handling this product. Have an eye wash station available.

**Skin Protection:** 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.

**Gloves:** No information available

## Section 9

## Physical Data

|   |   |
|---|---|
| <b>Formula:</b> N/A, product is a mixture | <b>Vapor Pressure:</b> N/A                          |
| <b>Molecular Weight:</b> N/A              | <b>Evaporation Rate (BuAc=1):</b> N/A               |
| <b>Appearance:</b> White Solid            | <b>Vapor Density (Air=1):</b> N/A                   |
| <b>Odor:</b> No data available            | <b>Specific Gravity:</b> N/A                        |
| <b>Odor Threshold:</b> No data available  | <b>Solubility in Water:</b> Soluble                 |
| <b>pH:</b> No data available              | <b>Log Pow (calculated):</b> No data available      |
| <b>Melting Point:</b> No data available   | <b>Autoignition Temperature:</b> No data available  |
| <b>Boiling Point:</b> No data available   | <b>Decomposition Temperature:</b> No data available |
| <b>Flash Point:</b> No data available     | <b>Viscosity:</b> No data available                 |
| <b>Flammable Limits in Air:</b> N/A N/A   | <b>Percent Volatile by Volume:</b> N/A              |

## Section 10

## Reactivity Data

**Reactivity:** No data available

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** None known.

**Hazardous Polymerization:** Will not occur

## Section 11

## Toxicity Data

**Routes of Entry:** Ingestion.

**Symptoms (Acute):** Gastrointestinal,, Vomiting, Nausea

**Delayed Effects:** No data available

| Acute Toxicity:<br>Chemical Name | CAS Number | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------------|------------|-----------|-------------|-----------------|
|----------------------------------|------------|-----------|-------------|-----------------|

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N/A, product is a mixture

Oral LD50 Rat > 1100 mg/kg

Not determined

Not determined

Aspirin (CAS# 50-78-2) Approx. 10%  
Sodium Bicarbonate (CAS# 144-55-8) Approx. 50%  
Citric Acid (CAS# 77-92-9) Approx. 30-40%

## Carcinogenicity:

### Chemical Name

No data available

### CAS Number

N/A, product is a mixture

### IARC

Not listed

### NTP

Not listed

### OSHA

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:

See Section 2

#### Chronic:

N/A

## 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

N/A

### CAS Number

N/A, product is a mixture

### Eco Toxicity

## 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

### Ground - DOT Proper Shipping Name:

N/A

### Air - IATA Proper Shipping Name:

N/A

## Section 15

## Regulatory Information

### TSCA Status:

A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances. Product is for research and development use only.

### Chemical Name

No data available

### CAS Number

N/A, product is a mixture

### § 313 Name

No

### § 304 RQ

No

### CERCLA RQ

No

### § 302 TPQ

No

### CAA 112(2) TQ

No

### California Prop 65:

No California Proposition 65 ingredients

# Safety Data Sheet

**Section 16**

**Additional  
Information**

**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      |