

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** SODIUM BISULFATE SOLUTION

**Manufactured by:** Univar Solutions  
3075 Highland Pkwy, Ste 200,  
Downers Grove, IL 60515  
425-889-3400

**Distributed by:** Safe Foods Corporation  
1501 E. 8th Street  
North Little Rock, AR 72114  
501-758-8500

**Product use:** Reserved for industrial and professional use.

**Emergency number:** CHEMTREC: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

## 2. Hazard(s) Identification

### Hazard classification

### Label elements

**Hazard symbol** No symbol

**Signal word** No signal word.

**Hazard statement** This material is not considered hazardous by the OSHA Hazard Communication Standard, OSHA 29 CFR 1910.1200.

### Precautionary statement

**Storage** Store in a closed container.

**Disposal** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification**          None.

### 3. Composition/Information on Ingredients

#### Substances

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Sodium Bisulfate		7681-38-1	20 - 40%
Water		7732-18-5	60 - 80%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments:** The components are not hazardous or are below required disclosure limits.

### 4. First Aid Measures

**Ingestion:** Rinse mouth thoroughly. Never give liquid to an unconscious person. Get medical attention if any discomfort continues.

**Inhalation:** Move to fresh air.

**Skin contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Eye contact:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Most important symptoms /effects, acute and delayed Symptoms:** No data available.

**Indication of immediate medical attention and special treatment needed Treatment:** Get medical attention if symptoms occur.

### 5. Fire-Fighting Measures

**General fire hazards:** No unusual fire or explosion hazards noted

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials. No data available.

**Unsuitable extinguishing media:**

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire-fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. Accidental release measures**

**Personal precautions, protective equipment, and emergency procedures:** No data available.

**Methods and material for containment and cleaning up:** Absorb spillage with non-combustible, absorbent material.

**Environmental precautions:** Avoid release to the environment. Do not contaminate water sources or sewer.

**7. Handling and storage**

**Precautions for safe handling:** Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Store in original tightly closed container.

## 8. Exposure Controls/ Personal Protection

### Control parameters Occupational exposure limits

**Appropriate engineering controls** None of the components have assigned exposure limits. No data available

### Individual protection measures, such as personal protective equipment

**General information:** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection:** Wear goggles/face shield.

**Skin protection**

**Hand protection:** Chemical resistant gloves

**Other:** No data available.

**Respiratory protection:** In case of inadequate ventilation use suitable respirator.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

## 9. Physical and Chemical Properties

**Physical state:** Liquid

**Form:** No data available.

**Color:** No data available.

**Odor:** No data available.

**Odor threshold:** No data available.

**pH:** No data available.

**Melting point/freezing point:** 0 °C

**Initial boiling point and boiling range:** > 100 °C

**Flash Point:** No data available.

**Evaporation rate:** No data available.

**Flammability (solid, gas):** No data available.

### Upper/lower limit on flammability or explosive limits

**Flammability limit - upper (%):** No data available. **Flammability limit - lower (%):** No data available.

**Explosive limit - upper (%):** No data available.

**Explosive limit - lower (%):** No data available.

**Vapor pressure:** No data available.

**Vapor density:** No data available.

**Relative density:** 1.165

**Solubility(ies)**

<b>Solubility in water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.

**10. Stability and reactivity**

<b>Reactivity:</b>	No data available.
<b>Chemical stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	Avoid heat or contamination.
<b>Incompatible materials:</b>	No data available.
<b>Hazardous decomposition products:</b>	No data available.

**11. Toxicological information****Symptoms related to the physical, chemical, and toxicological characteristics****Ingestion:** No data available.**Inhalation:** No data available.**Skin contact:** No data available.**Eye contact:** No data available.**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)****Oral****Product:** ATEmix (): 2,140 mg/kg**Dermal****Product:** No data available.**Inhalation****Product:** No data available.**Specified substance(s):**Sodium Bisulfate LC Lo (Rat.): > 10 mg/m<sup>3</sup> (, No) 2 (reliable with restrictions)**Repeated dose toxicity****Product:** No data available.**Skin corrosion/irritation**

**Product:** No data available.

**Serious eye damage/eye irritation**

**Product:** No data available.

**Respiratory or skin sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**  
No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**  
No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**  
No carcinogenic components identified

**Germ cell mutagenicity**

**In vitro Product:** No data available.

**In vivo Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific target organ toxicity - single exposure**

**Product:** No data available.

**Specific target organ toxicity - repeated exposure**

**Product:** No data available.

**Aspiration hazard**

**Product:** No data available.

**Other effects:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

**Fish Product:** No data available.

#### Aquatic invertebrates

**Product:** No data available.

#### Chronic hazards to the aquatic environment:

**Fish Product:** No data available.

**Aquatic invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration factor (BCF)**

**Product:** No data available.

**Partition coefficient n-octanol / water (log K<sub>ow</sub>)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

Sodium hydrogen sulphate No data available.

Water No data available.

**Known or predicted distribution to environmental compartments**

Water No data available.

Sodium hydrogen sulphate No data available.

**13. Disposal considerations**

**Disposal instructions:** Wash before disposal. Dispose to controlled facilities.

**Contaminated packaging:** No data available.

**14. Transport information**

Not regulated for US domestic ground transportation.

**15. Regulatory information**

**US Federal Regulations**

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund amendments and reauthorization act of 1986 (SARA) Hazard categories**

Not listed.

**SARA 302 Extremely hazardous substance**

None present or none present in regulated quantities.

**SARA 304 Emergency release notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous chemical**

**Chemical identity      Threshold Planning Quantity**

**SARA 313 (TRI reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US state regulations**

**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.



<b>Inventory Status:</b> Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	On or in compliance with the inventory.
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

**16. Other information, including date of preparation or last revision**

**HMIS**

Hazard ID

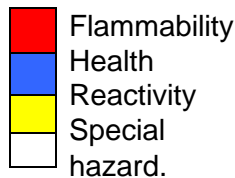
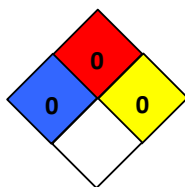
Health	0
Flammability	0
Physical hazards	0
PERSONAL PROTECTION	B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe;  
\*Chronic health effect

**NFPA**

Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

**Prepared for:** Safe Foods Corporation

**Issue date:** 02/09/2016

**Revision date:** No data available.

**Version #:** 1.0

**Further information:** No data available.

---

### Notice

Safe Foods Corporation ("Safe Foods") expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis. These can be obtained from Safe Foods Corporation.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Safe Foods makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Safe Foods' control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein and does not relate to its use in combination with any other material or in any other process.