

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name Sodium Sulfate, Anhydrous, Granular

CAS number 7757-82-6

Synonyms Disodium Sulfate.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Industrial, manufacturing or laboratory use.

#### 1.3 Details of the supplier of the safety data sheet

Company Lab Alley, LLC  
12501 Pauls Valley Road  
Austin, Texas 78737  
U.S.A.

Telephone 512-668-9918

Fax 512-886-4008

#### 1.4 Emergency telephone

Emergency Phone # US & Canada: 1-800-535-5053  
International 1-352-323-3500

INFOTRAC  
INFOTRAC

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Not a hazardous substance according to GHS.

#### 2.2 GHS Label elements, including precautionary statements

Pictogram None

Signal Word                      None

Hazard statements              No information available.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Sodium sulfate	Disodium sulfate	7757-82-6	>99%

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

**If inhaled**                      Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not brushing, give artificial respiration.

**In case of skin contact**      Flush with plenty of water and wash using soap.

**In case of eye contact**        Rinse with plenty of water for at least 15 minutes.

**If swallowed**                    Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**                      Product is not flammable. Use appropriate media for adjacent fire. Use flooding quantities of water to cool containers.

**Unsuitable extinguishing media**                    No information available.

### 5.2 Specific hazards arising from the substance or mixture

Emits toxic fumes (sulfur oxides, sodium oxides) under fire conditions. See also stability and reactivity section.

### 5.3 Special protective equipment and precautions for firefighters

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

### 5.4 Further information

**Flash Point** Not flammable.

**Autoignition Temperature** No information available

#### Explosion limits

**Upper** No information available

**Lower** No information available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

#### NFPA

Health	Flammability	Instability	Physical hazards
0	0	0	N/A

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

See section 8 for recommendations on the use of personal protective equipment.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Any release to the environment may be subject to federal/national or local reporting requirements.

### 6.3 Methods and materials for containment and cleaning up

Sweep up, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste or cleanup materials in accordance with local regulations.

### 6.4 Reference to other sections

See section 2 for full list of hazard and precaution statements.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Precautions on safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.

### **Hygiene measures**

Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. Have supplies and equipment for neutralization and running water available.

## **7.2 Conditions for safe storage, including any incompatibilities**

### **Storage conditions**

Store in a cool, dry, well ventilated area. Isolate from oxidizing materials. Keep away from incompatible materials (see section 10 for incompatibilities).

### **Incompatibilities**

Acids, aluminum, magnesium.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Occupational exposure limits**

Contains no substances with occupational exposure limit values.

#### **Biological occupational exposure limits**

No information available.

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

No information available.

#### **Personal protective equipment**

##### **Eye/face protection**

Wear chemical safety glasses or goggles.

##### **Skin and body protection**

Wear nitrile or rubber gloves, apron or lab coat.

##### **Respiratory protection**

Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

##### **Control of environmental exposure**

No information available.

## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical State	Solid powder
Appearance	White
Odor	Odorless
Odor Threshold	Not available
pH	5.2 - 8.0 at 50 g/l at 20 °C (68 °F)
Melting Point/Range	884 °C (1623 °F)
Boiling Point/Range	No information available.
Evaporation Rate	No information available.
Flammability (solid)	No information available.
Flammability or explosive limit	
Upper	No information available
Lower	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Density	2.68 g/mL at 25 °C (77 °F)
Solubility	Completely soluble in water
Partition coefficient; n-octanol/water	No information available
Autoignition Temp	No information available
Decomposition Temp	No information available
Viscosity	No information available
Molecular Formula	Na <sub>2</sub> SO <sub>4</sub>
Molecular Weight	142.04
VOC Content(%)	No information available
Oxidizing properties	No information available

## 9.2 Other safety information

No information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Will not occur.

### 10.4 Conditions to avoid

Exposure to air or moisture may affect product quality.

### 10.5 Incompatible materials

Acids, aluminum, magnesium.

### 10.6 Hazardous decomposition products

Sulfur oxides, sodium oxides.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Product Information, Component Information

##### Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium sulfate	5989 mg/kg (mouse)	-	-

##### Skin corrosion/irritation

Causes irritation, redness, itchiness.

##### Serious eye damage/eye irritation

Causes irritation, watering eyes.

##### Respiratory or skin sensitization

Causes irritation, coughing.

##### Germ cell mutagenicity

No information available.

##### Carcinogenicity

Component	CAS	IARC	NTP	ACGIH	OSHA	Mexico
Sodium sulfate	7757-82-6	Not listed	Not listed	Not listed	Not listed	Not listed

##### Specific target organ toxicity - single exposure

No information available.

##### Specific target organ toxicity - repeated exposure

No information available.

##### Reproductive toxicity

No information available

##### Chronic effects

No information available.

### 11.2 Additional Information

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product		Species	Test Results
Sodium sulfate	LC50	Gambusia affinis	56 mg/l 96h
	EC50	Daphnia	150.21 mg/l 48h

### 12.2 Persistence and degradability

No information available.

### 12.3 Bio accumulative potential

No information available

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14: Transport information

#### DOT (US)

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

## SECTION 15: Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Listed

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

Not listed.

**SARA 304 Emergency release notification**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous**

Not listed.

**SARA 313 (TRI reporting)**

Not listed.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

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

Not regulated.

**Safe Drinking Water Act**

Not regulated

**FEMA Priority Substances Respiratory Health and Safety in the Flavor  
Manufacturing Workplace**

Not listed

**US state regulations**

**US. Massachusetts RTK - Substance List**

Not listed

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

Not listed

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed

**California Proposition 65**

Not listed

**SECTION 16: Other information**

Issue date: 07/02/2011

Revision 1: 03/04/2024



Revision 2: 04/18/2018  
Revision 3: 05/06/2020  
Revision 4: 08/14/2024

## **SECTION 17: Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.