



## Safety Data Sheet

### Section 1: Identification

Trade Name: Sodium Sulfate

Synonyms: Sodium sulfate, Anhydrous; Sulfuric Acid, Disodium Salt;  
Disodium Sulfate

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### Section 2: Hazard(s) Identification

#### EMERGENCY OVERVIEW

CAUTION! MAY CAUSE IRRITATION. MAY BE HARMFUL IF SWALLOWED OR INHALED. HYGROSCOPIC. During use avoid contact with eyes, skin or clothing. Wash thoroughly after handling. When not in use, keep in tightly closed container.

#### POTENTIAL HEALTH EFFECTS

EYE CONTACT: Irritation

SKIN CONTACT: Irritation

INGESTION: Gastrointestinal irritation

INHALATION: Irritation of the upper respiratory tract.

CHRONIC: None identified

TARGET ORGANS: Respiratory system, lungs.

Primary routes of entry:

Inhalation ; Ingestion ;

Skin Contact ; Eye Contact ;

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None identified

### Section 3: Composition/Information on Ingredients

Chemical Name	CAS No	% Content	
Sodium Sulfate, Anhydrous	7757-82-6	99 – 100	

Component	Hazard	OSHA STEL	OSHA PEL	ACGIH TLV
Sodium Sulfate, Anhydrous	Irritant	N/E	N/E	N/E

#### **Section 4: First-Aid Measures**

##### **EYE CONTACT:**

In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

##### **SKIN CONTACT:**

In case of contact, immediately wash skin with plenty of soap and water for at least 15 minutes.

##### **INGESTION:**

If swallowed and the person is conscious, immediately give large amounts of water. Get medical attention.

##### **INHALATION:**

If a person breathers in large amounts, move the exposed person to fresh air.

NOTES TO PHYSICIAN: None

#### **Section 5: Fire-Fighting Measures**

Flashpoint (Degrees C) and Method: N/A

Auto ignition Temperature (Degrees C): N/A

##### **FLAMMABLE LIMITS:**

Components Upper Explosive Limit Lower Explosive Limit

Sodium Sulfate, Anhydrous N/A N/A

##### **GENERAL HAZARD:**

Unusual Fire and Explosion Hazards: None Identified.

##### **FIRE FIGHTING INSTRUCTIONS:**

Use extinguishing media appropriate for surrounding fire.

##### **FIRE FIGHTING EQUIPMENT:**

Firefighters should wear proper protective equipment and self-contained breathing Apparatus with full facepiece operated in positive pressure mode.

##### **EXTINGUISHING MEDIA:**

Foam ; Y Alcohol Foam ; Y CO2 ; Y

Dry Chemical ; Y Water ; Y Other ; Y

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):

NFPA Hazard Rating: 0 – Insignificant 1 – Slight 2 – Moderate

3 - High 4 – Extreme 5 – Unknown

\*- No Information

Health :0

Flammability :0

Reactivity :0

SPECIAL INFORMATION:

Contact Hazard: Slight (1)

Explosion Data – Sensitivity to Mechanical Impact: None Identified

Explosion Data - Sensitivity to Static Discharge: None Identified

## **Section 6: Accidental Release Measures**

LAND SPILL:

Wear suitable protective clothing. Sweep up and remove.

## **Section 7: Handling and Storage**

GENERAL STORAGE CONDITIONS:

Keep container tightly closed. Keep from contact with oxidizing materials. Isolate from incompatible materials.

Special Precautions: material is hygroscopic.

## **Section 8: Exposure Controls/Personal Protection**

ENGINEERING CONTROLS:

Use adequate general or local exhaust ventilation to keep fume or dust levels as low as possible.

PERSONAL PROTECTION:

RESPIRATOR:

None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask.

PROTECTIVE CLOTHING:

Safety goggles, rubber gloves recommended.

## Section 9: Physical and Chemical Properties

Vapor Pressure (mmHg): N/A Solubility in Water: Appreciable  
Specific Gravity (water=1): 2.68 pH: 6-10  
Boiling Point (Degrees C): N/A Physical State: Sol.id  
Freezing Point (Degrees C): 884 Vapor Density (air=1): N/A  
Evaporation Rate (BuAc=1): N/A Percent Volatile by Volume:0  
Viscosity: Odor: Odorless  
Appearance: White crystals or powder

## Section 10: Stability and Reactivity

### SECTION X: STABILITY AND REACTIVITY

#### GENERAL:

#### STABILITY: HAZARDOUS POLYMERIZATION:

Stable: ;Y Will Not Occur: ; Y

Unstable: 𐄂 Will Occur: 𐄂

#### INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

#### CONDITIONS TO AVOID:

Moisture

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of sulfur.

## Section 11: Toxicological Information

#### GENERAL:

Sodium Sulfate, Anhydrous:

5989 mg/kg oral mouse LD50

Carcinogenicity: None identified

Reproductive Effects: None identified

#### CARCINOGENIC INFORMATION:

Component	CAS#	Weight%	IARC	NTP	OSHA	ACGIH	Other
Sodium Sulfate	7757-82-6	99-100	No	No	No	No	No
Anhydrous							

## Section 12: Ecological Information

Environmental Fate:

When released into the soil, this material is expected to leach into groundwater. This material is not expected to significantly bioaccumulate.

Environmental Toxicity:

This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l. The EC50/48-hour values for daphnia are over 100 mg/l.

**Section 13: Disposal Considerations**

RCRA Hazard Class: None

Method of Disposal

**Section 14: Transport Information**

DOT Department of Transportation

Proper shipping name                      Chemicals, n.o.s. (non-regulated)

Hazard Class                                  None

Identification Number                      None

**Section 15: Regulatory Information**

TSCA (Toxic Substances Control Act):

In TSCA Inventory?    Yes

CERCLA (Comprehensive Environmental Response Compensation, and Liability Act):

Classified as a Hazardous Substance?    No

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories:    None

313 Reportable Ingredients:    None

CALIFORNIA PROPOSITION 65:    Not Listed

**Section 16: Other Information**

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