

# SAFETY DATA SHEET

Issuing Date 25-Mar-2015

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Revision Number 4

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Components

**Chemical Name:** Sodium Sulfate Anhydrous

**Common Name and Synonyms:** Disodium Sulfate, Anhydrous; Salt Cake

**CAS Number:** 7757-82-6

**Percentage:** 99.5% min

### 1.2 Recommended use of the chemical and restrictions on use

**Recommended Use:** Industrial Use Only

**Uses advised against:** No information available

### 1.3 Details of supplier of the Safety Data Sheet

**Supplier Name:** Level 7 Chemical

**Supplier Address:** 255 Sturgis Rd, Conway, AR 72034

**Supplier Phone Number:** (855) 927-1777

### 1.4 Emergency Telephone Number

**Emergency Number:** Chemtrec: (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1 Emergency Overview

A fine white granular crystalline solid that can cause irritation to the eyes and mild irritation to the skin and respiratory tract.

### 2.2 Classification of substance or mixture

**GHS Classification:**

Not classified

### 2.3 GHS Label elements, including precautionary statements

Not classified as a hazardous chemical

**Hazards not otherwise classified (HNOC) or not covered by GHS:**

Not applicable

### 2.4 Unknown acute toxicity (GHS US)

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Name	Molecular Formula	Product identifier	%
Sodium Sulfate Anhydrous	Na <sub>2</sub> SO <sub>4</sub>	CAS number: 7757-82-6	99.5 % min

No ingredients are hazardous according to OSHA criteria.  
For full text of hazard classes and H-statements: see section 16

### 4. FIRST AID MEASURES

#### 4.1 First Aid measures

##### Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician

##### Skin Contact

Wash with soap and water

##### Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to and unconscious person.

##### Inhalation

Move person to fresh air.

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

No information available

##### Advice to Physician

Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

#### 5.2 Specific Hazards Arising from the Chemical

No information available.

#### 5.3 Hazardous Combustion Products

Sulfur oxides.

#### 5.4 Explosion Data

Sensitivity to Mechanical Impact No.

5.5 Sensitivity to Static Discharge No.

#### 5.6 Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**6.1 Personal Precautions** Avoid contact with eyes.

### 6.2 Environmental Precautions

**6.3 Environmental Precautions** Refer to protective measures listed in Sections 7 and 8.

### 6.4 Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.  
**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

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

**7.3 Storage** Keep container tightly closed.

**7.4 Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### 8.2 Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

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

**Eye/Face Protection** No special protective equipment required.

**Skin and Body Protection** No special protective equipment required.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

### 9.1 Physical and Chemical Properties

Physical State	Solid/Powder,	Odor	None
Appearance	Solid	Odor Threshold	No Information Available
Color	White		

### 9.2 Property

	Values	Remarks
pH	6-10	None Known
Melting / Freezing Point	No Data Available	None Known
Boiling Point / boiling range	No Data Available	None Known
Flash Point	No Data Available	None Known
Evaporation Rate	No Data Available	None Known
Flammability (solid gas)	No Data Available	None Known
Flammability Limit in Air		
Upper flammability limit	No Data Available	
Lower flammability limit	No Data Available	
Vapor pressure	No Data Available	None Known
Vapor density	No Data Available	None Known
Specific Gravity	No Data Available	None Known
Water Solubility	Appreciable	None Known
Solubility in other solvents	No Data Available	None Known
Partition coefficient: n-octanol/water	No Data Available	None Known
Autoignition temperature	No Data Available	None Known
Kinematic viscosity	No Data Available	None Known
Dynamic viscosity	No Data Available	None Known
Explosive properties	No Data Available	None Known
Oxidizing Properties	No Data Available	

### 9.3 Other Information

Softening Point	No Data Available
VOC Content (%)	No Data Available
Particle Size	No Data Available
Particle Size Distribution	No Data Available

## 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

None under normal processing.

### 10.4 Hazardous Polymerization

Hazardous polymerization does not occur.

### 10.5 Conditions to avoid

None known based on information supplied.

### 10.6 Incompatible materials

None known based on information supplied.

### 10.7 Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

### 11.2 Information on toxicological effects

**Symptoms** No information available.

### 11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	No known effect based on information supplied.
Target Organ Effects	None known.
Aspiration Hazard	No information available.

### 11.4 Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

The environmental impact of this product has not been fully investigated.

### 12.2 Persistence and Degradability

No information available.

### 12.3 Bioaccumulation

No information available

### 12.4 Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

## 14. TRANSPORT INFORMATION

<u>DOT</u>	NOT REGULATED
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

## 15. REGULATORY INFORMATION

### 15.1 International Inventories

#### DSL/NDSL

Canadian Domestic Substances List/Non-Domestic Substances List

### 15.2 US Federal Regulations

#### TSCA Inventory Status

Ingredients are on the TSCA Inventory list or are excluded.

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### Other US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium sulfate 7757-82-6		X	X		

### International Regulations

Canada

**WHMIS Hazard Class**

Non-controlled

## 16. OTHER INFORMATION

**NFPA**              **Health Hazards** 1    **Flammability** 0              **Instability** 0              **Physical and Chemical Hazards**

**HMIS**              **Health Hazards** 1    **Flammability** 0              **Physical Hazard** 0    **Personal Protection** X

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#### **Disclaimer**

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**End of Safety Data Sheet**