



ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

Address : H.No.712/3, sainagar, Palghar mumbai 401102

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MATERIAL SAFETY DATA SHEET (MSDS) SDS/MSDS

Sodium sulphite anhydrous

Product Name : Sodium sulphite anhydrous

CAS No : 7757-83-7

Synonyms

Recommended Use

Disodium sulfite; Sulfurous acid, disodium salt (Crystalline/Powder/Certified ACS/Low Phosphate)

Laboratory chemicals.

2. Hazard(s) identification

Classification

Classification according to [US] OSHA (29 CFR 1910.1200, 2024)

This product is not considered hazardous by the US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200).

Label Elements

None required

Hazards not otherwise classified (HNOC)

None identified

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available

3. Composition/information on Ingredients

Component

CAS No

Sodium sulfite

Weight %

7757-83-7

>95

4. First-aid measures

Eye Contact

Skin Contact

Inhalation

Ingestion

Most important symptoms and effects

Notes to Physician

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

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Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Remove to fresh air. Get medical attention immediately if symptoms occur.

Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

None reasonably foreseeable.

Treat symptomatically

5. Fire-fighting measures

Suitable Extinguishing Media

Unsuitable Extinguishing Media

Flash Point

Method

Autoignition Temperature

Explosion Limits

Upper

Lower

Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.

No information available

No information available

No information available

No information available

No data available

No data available

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

Hazardous Combustion Products

Sulfur oxides. Sodium oxides.

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.

NFPA

Health

1

Flammability

0

Instability

1





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Physical hazards

N/A

6. Accidental release measures

Personal Precautions

Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust

Environmental Precautions

Methods for Containment and Clean

Up

formation.

Should not be released into the environment.

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7. Handling and Storage

Handling

Storage.

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible

Materials. Strong oxidizing agents. Acids.

8. Exposure controls / personal protection

Exposure Guidelines

Engineering Measures

Personal Protective Equipment

Eye/face Protection

Skin and body protection

Respiratory Protection

Recommended Filter type:

Hygiene Measures

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

None under normal use conditions.

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Wear appropriate protective gloves and clothing to prevent skin exposure.

No protective equipment is needed under normal use conditions.

Particle filter.

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

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Appearance

Physical State

Color

Odor

Odor Threshold

Property

Melting Point/Range

Softening Point

Boiling Point/Range

Flash Point

Solid

Off-white

Odorless

No information available

Values

> 500 - 500 °C / 932 - 932 °F

No data available

No information available

No information available

Remarks

- Method

Method - No information available

Flammability (liquid)

Flammability (solid,gas)

Explosion Limits

Autoignition Temperature

Decomposition Temperature

pH

Viscosity

Water Solubility

Solubility in other solvents

Not applicable

No information available

No data available

No data available

> 500°C

8.5-10

Not applicable

230 g/ mL (20°C)

No information available

Solid

5% aq.sol



UPLC
Ultra Pure-Lab Chem Industries



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Solid

Partition Coefficient (n-octanol/water)

Component

Sodium sulfite

Vapor Pressure

Density / Specific Gravity

Bulk Density

Vapor Density

Particle characteristics

Other Information

Molecular Formula

Molecular Weight

Evaporation Rate

log Pow-4

No data available

2.630

No data available

Not applicable

No data available

Na₂SO₃

126.04

Not applicable - Solid

Solid



UPLC
Ultra Pure-Lab Chem Industries

10. Stability and reactivity

Reactive Hazard

Stability

Conditions to Avoid

Incompatible Materials

None known, based on information available

Stable under normal conditions. Air sensitive. Moisture sensitive.

Avoid dust formation. Incompatible products. Excess heat. Exposure to air or moisture over prolonged periods.

Strong oxidizing agents, Acids

Hazardous Decomposition Products Sulfur oxides, Sodium oxides

Hazardous Polymerization

Hazardous Reactions

Hazardous polymerization does not occur.

None under normal processing.

11. Toxicological information

Information on expected route of exposure

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Inhalation

Ingestion

Eyes

Skin

Toxicology data for the components

May cause irritation of respiratory tract. May be harmful if inhaled.

May be harmful if swallowed. May cause central nervous system effects. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

May cause irritation.

May cause irritation. May be harmful in contact with skin.

Component

LD50 Oral

Sodium sulfite

2610 mg/kg (Rat)

LD50 Dermal

>2000 mg/kg

LC50 Inhalation

>22 mg/L (Rat) 1 h

>5.5 mg/L (Rat) 4 h

Toxicologically Synergistic

Products

(b) skin corrosion/irritation;

(c) serious eye damage/irritation;

(d) respiratory or skin sensitization;

Respiratory

Skin

No information available

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

(e) germ cell mutagenicity;

(f) carcinogenicity;

Component

CAS No

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

The table below indicates whether each agency has listed any ingredient as a carcinogen

IARC

NTP

Sodium sulfite

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Not listed

ACGIH

OSHA

Mexico

Not listed

(g) reproductive toxicity;

Not listed

Not listed

Based on available data, the classification criteria are not met

(h) STOT-single exposure;

(i) STOT-repeated exposure;

Target Organs

(j) aspiration hazard;

Symptoms / effects, both acute and delayed

Other Adverse Effects

Endocrine Disrupting Properties

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

None known.

Not applicable

Solid

No information available.

The toxicological properties have not been fully investigated.

This product does not contain any known or suspected endocrine disruptors.

Not listed

12. Ecological information

Ecotoxicity

Do not empty into drains. Do not flush into surface water or sanitary sewer system.

Component

Freshwater Algae

Freshwater Fish

Sodium sulfite

Not listed

Microtox

Water Flea

Not listed

Persistence and Degradability

Bioaccumulation/ Accumulation

Mobility

Persistence is unlikely



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No information available.

EC50 = 770 mg/L 17 h

. Will likely be mobile in the environment due to its water solubility.

Component

Not listed

log Pow

Sodium sulfite-4

13. Disposal considerations

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.

14. Transport information

DOT

TDG

IATA

IMDG/IMO

Not regulated

Not regulated

Not regulated

Not regulated



15. Regulatory Information

United States of America Inventory

Component

CAS No

TSCA

TSCA Inventory notification

Active-Inactive

Sodium sulfite

7757-83-7

X

Legend:

TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

TSCA - Per 40 CFR 751, Regulation of Certain Chemical Substances & Mixtures, Under TSCA Section 6(h) (PBT)

TSCA 12(b) - Notices of Export

International Inventories

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Not applicable

Not applicable

ACTIVE

TSCA - EPA Regulatory

Flags

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

Component

CAS No

DSL

NDSL EINECS PICCS ENCS ISHL AICS IECSC KECL

Sodium sulfite

7757-83-7

X

231-821-4

KECL - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

U.S. Federal Regulations

SARA 313

KE-31612

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

Clean Air Act

OSHA - Occupational Safety and

Health Administration

CERCLA

Not applicable

Not applicable

Not applicable

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

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pertaining to releases of this material.

California Proposition 65

U.S. State Right-to-Know

Regulations

U.S. Department of Transportation

This product does not contain any Proposition 65 chemicals.

Not applicable

Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

U.S. Department of Homeland

Security

This product does not contain any DHS chemicals.

Other International Regulations

Mexico - Grade No information available

Authorisation/Restrictions according to EU REACH Not applicable

Component CAS No REACH (1907/2006)

Annex XIV - Substances

Subject to Authorization

REACH (1907/2006)

Annex XVII - Restrictions

on Certain Dangerous

Substances

REACH Regulation (EC

1907/2006) article 59

Candidate List of

Substances of Very High

Concern (SVHC)

Sodium sulfite 7757-83-7--

Safety, health and environmental regulations/legislation specific for the substance or mixture

Component CAS No OECD HPV Persistent Organic

Pollutant

Ozone Depletion

Potential

Restriction of

Hazardous

Substances (RoHS)

Sodium sulfite 7757-83-7 Listed Not applicable Not applicable Not applicable

Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)?

Not applicable

Other International Regulations

Component CAS No Seveso III Directive

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(2012/18/EC)

Qualifying Quantities

for Major Accident

Notification

Seveso III Directive

(2012/18/EC)

Qualifying Quantities

for Safety Report

Requirements

Rotterdam

Convention (PIC)

Basel Convention

(Hazardous Waste)

Sodium sulfite 7757-83-7 Not applicable Not applicable Not applicable Not applicable

16. Other Information

Disclaimer

The information provided in 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

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