

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

Product Identifier:

Trade Name: Sodium Sulphite Anhydrous, HP
CAS Number: 7757-83-7
EINECS Number: 231-821-4
REACH Registration Number: 01-2119537420-49-XXXX

Relevant identified uses of the substance or mixture and uses advised against:

Identified use(s): For industrial use, food additive, reducing agent, photochemical product, for professional use.
Uses advised against: No information given

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

EC regulation criteria 1272/2008 (CLP): The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects: No other hazards

Label elements:

Hazard pictograms: None
Hazard statements: None
Precautionary statements: None
Special Provisions: None

Special provisions according to Annex XVII of REACH and subsequent amendments: None

Other hazards:

vPvB Substances: None
PBT Substances: None
Other Hazards: No other hazards

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

Trade name: SODIUM SULPHITE ANHYDROUS, HP

CAS-No.: 7757-83-7

EC No.: 231-821-4

REACH number: 01-2119537420-49-XXXX

Hazardous components within the meaning of CLP regulation and related classification: None.

Mixtures: N.A

4. FIRST AID MEASURES (SYMPTOMS)

Description of first aid measures:

Inhalation: Remove casualty to fresh air and keep warm and at rest.

Skin contact: Wash with plenty of water and soap.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety data sheet.

Most important symptoms and effects, both acute and delayed: None

Indication of any immediate medical attention and special treatment needed:

Treatment: None

5. FIRE-FIGHTING MEASURES

Extinguishing media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Special hazards arising from the substance or mixture:

Specific hazards: Sulphurous gases (SO_x).

Advice for fire-fighters:

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: Wear personal protective equipment. Remove person to safety. See protective measures under point 7 and 8.

Environmental precautions: Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose of it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities' Suitable material for taking up: absorbing material, organic, sand

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Methods and material for containment and cleaning up: Wash with plenty of water.

Reference to other sections: See also section 8 and 13

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Do not breathe dust. See also Section 8. Do not eat or drink while working. See also Section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities: Keep this product in a dry place. Keep away from food, drink and feed.

Incompatible materials: Keep away from oxidising agents. Keep away from acids.

Instructions for storage premises: Adequately ventilated premises.

Specific end use(s): None in particular.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Component	CAS Number	EC Number	REACH Registration Number	Value
Sodium Sulphite Anhydrous	7757-83-7	231-821-4	01-2119537420-49-XXXX	TLV TWA 2 ppm (SO ₂)

DNEL Exposure Limit Values: N.A.

PNEC Exposure Limit Values: N.A.

Exposure controls:

Eye protection: Eye glasses with side protection.

Skin protection: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or Viton.

Hand protection: Use protective gloves that provides comprehensive protection.

Suitable material: UNI EN 420/UNI EN 374

Respiratory protection: Particle filter device (DIN EN 143).

Thermal Hazards: None

Environmental exposure controls: None

Appropriate engineering controls: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance: Solid

Odour: None

Odour threshold: N.A.

pH: 9.0 – 10.0 (5%)

Melting point/freezing point: N.A.

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Initial boiling point/boiling range: N.A
Solid/gas flammability: N.A
Upper/lower flammability or explosion limits: N.A
Vapour density: N.A
Flashpoint: N.A
Evaporation rate: N.A
Vapour pressure: N.A
Relative density: 1.4 – 1.5 kg/dm³
Solubility in water: ±220 g/l H₂O (20°C)
Solubility in oil: N.A
Partition co-efficient (n-octanol/water): -4.0
Auto-ignition temperature: N.A
Decomposition temperature: N.A
Viscosity: N.A
Explosive properties: N.A
Oxidising properties: N.A

Other information:

Miscibility: N.A
Fat solubility: N.A
Conductivity: N.A
Substance Groups relevant properties: N.A

10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: None.
Conditions to avoid: Stable under normal conditions.
Incompatible materials: Acids and oxidants.
Hazardous decomposition products: Toxic gases.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Components: Sodium Sulphite Anhydrous CAS: 7757-83-7
Acute Toxicity: Not classified. Based on available data, the classification criteria are not met.
Test: LD50 - Route: Oral - Species: Rat > 2610 mg/kg
Skin corrosion/irritation: Not classified. Based on available data the classification criteria are not met.
Serious eye damage/irritation: Not classified. Based on available data the classification criteria are not met.
Respiratory or skin sensitisation: Not classified. Based on available data the classification criteria are not met.
Germ cell mutagenicity: Not classified. Based on available data the classification criteria are not met.

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Carcinogenicity:	Not classified. Based on available data the classification criteria are not met.
Reproductive toxicity:	Not classified. Based on available data the classification criteria are not met.
STOT – Single exposure:	Not classified. Based on available data the classification criteria are not met.
STOT- Repeated exposure:	Not classified. Based on available data the classification criteria are not met.
Aspiration hazard:	Not classified. Based on available data the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Toxicity:

Components: Sodium Sulphite Anhydrous CAS: 7757-83-7

Adopt good working practices, so that the product is not released into the environment COD: 125 mg/g (calculated).

Not classified for environmental hazards. Based on available data, the classification criteria are not met.

Endpoint: LC50 Species: Fish Duration: 96h: 220 – 460 mg/l

Endpoint: EC50 Species: Daphnia Duration: 50h: 273 mg/l

Endpoint: EC50 Species: Bacteria Duration: 17h: 770 mg/l

Persistence and degradability: N.A.

Bio accumulative potential N.A.

Mobility in soil: N.A.

Results of PBT and vPvB assessment PBT Substances: None vPvB Substances: None

Other adverse effects: None

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Recover if possible. In doing so, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN Number: Not classified as dangerous in the meaning of transport regulations.

Proper Shipping Name: N.A

Transport hazard class: N.A

Packing group: N.A

Environmental Hazards:

Marine Pollutant: No

Special precautions for users: N.A

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: N.A

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15. REGULATORY INFORMATION

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: No restriction.

Restrictions related to the substances contained: No restriction.

Where applicable, refer to the following regulatory provisions: Directive 2012/18/EU (Seveso III). Regulation (EC) nr 648/2004 (detergents). Dir. 2004/42/EC (VOC directive).

Provisions related to directive EU 2012/18 (Seveso III): N/A

Chemical Safety Assessment: A Chemical Safety Assessment has been carried out for the substance.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemicals Abstract Service (division of the American Chemical Society)
CLP: Classification, labelling and packaging
DNEL: Derived No Effect Level
EINECS: European Inventory of Existing Chemical Substances
GefStoffVO: Ordinance on Hazardous Substances, Germany
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulation by the 'International Civil Aviation Organisation' (ICAO)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the 'International Civil Aviation Organisation' (ICAO)

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IMDG: International Maritime Code for Dangerous Goods

INCI: International Nomenclature of Cosmetic Ingredients

KSt: Explosion coefficient

LC50: Lethal concentration, for 50 percent of test population

LD50: Lethal dose, for 50 percent of test population

N.A: Not applicable

PNEC: Predicted No Effect Concentration

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

STEL: Short Term Exposure Limit

STOT: Specific Target Organ Toxicity

TLV: Threshold Limiting Value

TWA/TLV: Threshold Limiting Value for the Time Weighted Average 8-hour day (ACGIH Standard)

WGK: German Water Hazard Class

Legal disclaimer:

The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.