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Offic Add:- 303/304 Murlidhar complex, Opp Fathepura Post offic, Bhattha, Paldi, Ahmedabad- 3800 007 Gujarat, INDIA. Teli :+91 79 26608664/ 79 26608667 9974013523/ 9909949962 Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science, Vill Chacharwadi vasana, Sarkhej bavla highway, TA, Sanand, Dist. Ahmedabad- 382 213 Gujarat, INDIA. Teli: +91 2717 294247 / 7817 013055 +91 9979317523 Websight: www.jaydinesh.com

# SAFTEY DATA SHEET SODIUM BISULPHITE

since 1981

# **1** Identification

# **Product identifier**

#### Trade name: Sodium bisulphite

CAS Number: 7631-90-5

EC number: 231-548-0

#### Application of the substance / the mixture

Food preservative, pharmaceutical manufacture, water dechlorination agent, lab reagent and other chemical process applications.

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

#### Manufacturer/Supplier

Manufactured by: Jay Dinesh Chemicals, Survey No. 184 to 186, Nr. Claris Village Chacharawadi – Vasna, Sarkhej Bawla Highway, Ta. Sanad, Dist Ahmedabad–382213.

#### Information department

Customer Service Department - Jay Dinesh Chemicals

Contact: Mis. Purvi. Shah.

e-mail: exports@jaydinesh.com

#### **Emergency telephone number**

During normal opening time:- +917878730626

# 2 Hazard(s) Identification

Classification of the substance or mixture



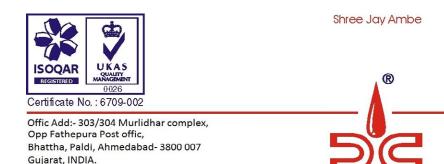
**GHS05** Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

#### Label elements

# **GHS** label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).





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#### Hazard pictograms

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Signal word: Danger

#### Hazard statements

H302 – Harmful if swallowed

H313 - May be harmful to skin

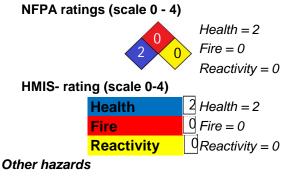
H319 - Causes serious eye irritation

#### **Precautionary statements**

P281 – Wear protective equipment for hands, eyes, face and respiratory tract P305, P351 and P338 – IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and continue rinsing.

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# Classification system:



#### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

# 3 Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description :7631-90-5 Sodium bi sulphite

Identification number(s)

EC number: 231-548-0

# 4 First-Aid Measures

**Dscription of first aid measures** 





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After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Rinse with water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a

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After swallowing: If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

# **5 Fire-Fighting Measures**

Extinguishing media

Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: Mouth respiratory protective device.

# 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures Do not allow to enter sewers/ surface or ground water.

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

# Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# 7 Handling and Storage

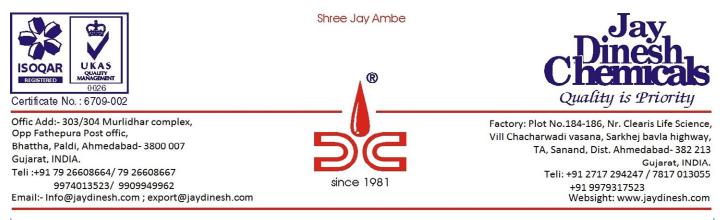
#### Handling:

# Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes and skin.Wash hands after handling Remove material from clothing.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities



#### Storage

Requirements to be met by storerooms and receptacles: Store in cool, dry conditions and well ventilated area.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.

#### 8 Exposure Controls/Personal Protection

Additional information about design of technical systems: No further data; see item 7.

#### **Control parameters**

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as basis.

#### **Exposure controls**

#### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

#### Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

#### Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be **Eye protection**:



Tightly sealed goggles



Certificate No.: 6709-002

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# 9 Physical and Chemical Properties

Information on basic physical and chemical p	roperties
General Information	
Appearance:	Crystalline powder
Odor:	Sulfur dioxide
Odor threshold :	Not determined.
pH-value:	4.0 – 4.5 (10 % Soln.)
Change in condition	
Melting point/Melting range:	150 oC / 302 oF
Boiling point/Boiling range:	Not determined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined
Auto igniting:	Not determined
Danger of explosion:	Explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	
	1.11 g/cm³ (9.263 lbs/gal)
Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with Water:	Soluble.
Partition coefficient (n-octanol/water):	Not applicable.
Viscosity:	
	Not determined.
Specific gravity	Not determined.

# **10 Stability and Reactivity**

# Reactivity

Chemical stability : No further relevant information available.



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Thermal decomposition / conditions to be avoided: Oxidizes in air to sulfate Possibility of hazardous reactions: Contact with acids releases toxic gases Conditions to avoid: excessive moisture Incompatible materials: No further relevant information available.

Hazardous decomposition products: Sulfur dioxide

# 11 Toxicological Information

INformation on toxicological effects	
Acute toxicity:	
Primary irritant effect:	
on the skin:	Irritation
on the eye:	Strong irritant with the danger of severe eye injury.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	
Carcinogenic categories	
IARC (International Agency for Research on	
Cancer):	Substance is not listed.
NTP (National Toxicology Program):	Substance is not listed.
OSHA-Ca (Occupational Safety & Health Administration) :	Substance is not listed.

# **12 Ecological Information**

Toxicity	
Aquatic toxicity:	No further relevant information available.
Persistence and degradability:	No further relevant information available.
Behavior in environmental systems	
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
Additional ecological information:	
General notes:	
Water hazard class 1 (Self-assessment): slight	ly hazardous for water
Do not allow undiluted product or large quantiti	es of it to reach
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.



#### Other adverse effects:

No further relevant information available.

# 13 Disposal Considerations (non-mandatory)

#### Waste treatment methods

#### **Recommendation:**

Must not be disposed of together with household garbage. Do not allow

#### Uncleaned packagings

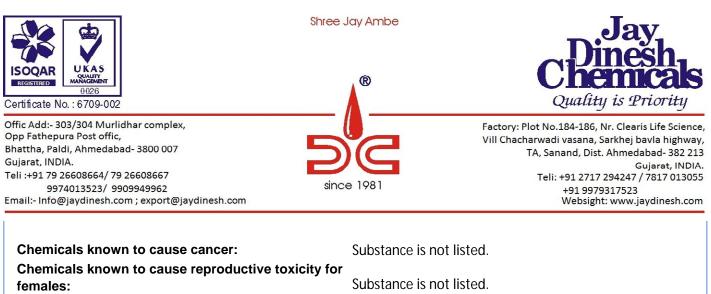
Recommendation: Disposal must be made according to official regulations

14 Transport Information (non-mandatory)	
UN-Number	
DOT, ADR, ADN, IMDG, IATA	Void
UN proper shipping name	
DOT, ADN, IMDG, IATA	Void
ADR	Void
Transport hazard class(es)	
DOT	
Class	Void
ADR, ADN, IMDG, IATA	
Class	Not restricted for transport
Packing group	
DOT, ADR, IMDG, IATA	Void
Environmental hazards	
Marine pollutant	No
Special precautions for user	Not applicable.
UN "Model Regulation"	Void

# **15 Regulatory Information (non-mandatory)**

substance or mixture Section 355 (extremely hazardous substances): Section 313 (Specific toxic chemical listings): TSCA (Toxic Substances Control Act): Proposition 65

Substance is not listed. Substance is not listed. Substance is listed.



Department issuing SDS: Quality Control Department

product features and shall not establish a legally valid contractual relationship.

e-mail: exports@jaydinesh.com

Date of preparation / last revision 04/18/2019 / -

#### Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Causes serious eye damage. Wear eye protection / face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Immediately call a POISON CENTER/doctor.

A Chemical Safety Assessment has not been carried out.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific

# Chemical safety assessment:

Chemicals known to cause developmental toxicity: Carcinogenic categories

Chemicals known to cause reproductive toxicity for

**EPA (Environmental Protection Agency):** 

TLV (Threshold Limit Value established by ACGIH): Substance is not listed. NIOSH-Ca (National Institute for Occupational Safety and Health): **GHS label elements:** 

Hazard pictograms

males:



GHS05 Signal word: Hazard statements: Precautionary statements:

Substance is not listed. Substance is not listed.

Substance is not listed.

Substance is not listed. The substance is classified and labeled according to the

# Danger

Contact: Mis Purvi. Shah.

**16 Other Information** 



Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Data compared to the previous version altered.

Revision Information: 01/2016, Sections 1, 2 revised - Information department and GHS label.

Revision Information: 01/2017, Added new ABCT Logo