



Certificate No. : 6709-002

Shree Jay Ambe

**Jay  
Dinesh  
Chemicals**  
*Quality is Priority*

Offic Add:- 303/304 Murlidhar complex,  
Opp Fathepura Post offic,  
Bhattha, Paldi, Ahmedabad- 3800 007  
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Email:- Info@jaydinesh.com ; export@jaydinesh.com



since 1981

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

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Websight: www.jaydinesh.com

## SAFTEY DATA SHEET SODIUM META BISULPHITE

### 1 Identification

#### Product identifier

Trade name: Sodium Meta bisulphite

CAS Number: 7681-57-4

EC number: 231-673-0

#### 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



GHS05

**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.

## Classification system:

### NFPA ratings (scale 0 - 4)



Health = 2

Fire = 0

Reactivity = 0

### HMIS- rating (scale 0-4)

Health	2
Fire	0
Reactivity	0

Health = 2

Fire = 0

Reactivity = 0

## Other hazards

## Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable

## 3 Composition/information on ingredients

### Chemical characterization: Substances

**CAS No. Description :**7681-57-4 Sodium meta bi sulphite

**Identification number(s)**

**EC number:** 231-673-0

## 4 First-Aid Measures

### Description of first aid measures

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



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**After skin contact:** Rinse with water.

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

**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:**

CO<sub>2</sub>, 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**



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**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



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## 9 Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

<b>Appearance:</b>	Crystalline powder
<b>Odor:</b>	Sulfur dioxide
<b>Odor threshold :</b>	Not determined.
<b>pH-value:</b>	4.0 – 4.5 (10 % Soln.)
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	150 oC / 302 oF
<b>Boiling point/Boiling range:</b>	Not determined.
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	Not determined
<b>Auto igniting:</b>	Not determined
<b>Danger of explosion:</b>	Explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Density at 20 °C (68 °F):</b>	1.11 g/cm <sup>3</sup> (9.263 lbs/gal)
<b>Relative density:</b>	Not determined.
<b>Vapor density:</b>	Not determined.
<b>Evaporation rate:</b>	Not applicable.
<b>Solubility in / Miscibility with Water:</b>	Soluble.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable.
<b>Viscosity:</b>	Not determined.
<b>Specific gravity</b>	Not applicable.





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## 10 Stability and Reactivity

### Reactivity

**Chemical stability :** No further relevant information available.

**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:



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#### General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities 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)

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



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## 15 Regulatory Information (non-mandatory)

substance or mixture

**Section 355 (extremely hazardous substances):**

Substance is not listed.

**Section 313 (Specific toxic chemical listings):**

Substance is not listed.

**TSCA (Toxic Substances Control Act):**

Substance is listed.

**Proposition 65**

**Chemicals known to cause cancer:**

Substance is not listed.

**Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

**Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

**Chemicals known to cause developmental toxicity:**

Substance is not listed.

**Carcinogenic categories**

**EPA (Environmental Protection Agency):**

Substance is not listed.

**TLV (Threshold Limit Value established by ACGIH):**

Substance is not listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health):**

Substance is not listed.

**GHS label elements:**

The substance is classified and labeled according to the

**Hazard pictograms**



**GHS05**

**Signal word:**

Danger

**Hazard statements:**

Causes serious eye damage.

**Precautionary statements:**

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.

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

## 16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.





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**Department issuing SDS:** Quality Control Department

**Contact:** Mis Purvi. Shah.

**e-mail:** [exports@jaydinesh.com](mailto: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)

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