



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
Gujarat, INDIA.

Teli :+91 79 26608664/ 79 26608667

9974013523/ 9909949962

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

+91 9979317523

Websight: www.jaydinesh.com

SAFTEY DATA SHEET SODIUM BISULPHITE

1 Identification

Product identifier

Trade name: Sodium bisulphite

CAS Number: 7631-90-5

EC number: 231-548-0

Application of the substance / the mixture

Paper production. pH regulation.

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. EUH 031 Contact with acids liberates toxic gas.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 2

Fire = 0

Reactivity = 1

HMIS- rating (scale 0-4)

Health	2
Fire	0
Reactivity	1

Health = 2

Fire = 0

Reactivity = 1

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 : 7631-90-5 Sodium bi sulphite solution

Identification number(s)

EC number: 231-548-0

4 First-Aid Measures

Description of first aid measures

After inhalation: Fresh air and rest. Get medical attention if any discomfort continues.



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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

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



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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



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9 Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:	Clear pale yellow liquid
Odor:	Sulfur dioxide
Odor threshold :	Not determined.
pH-value:	Value: 3,7-4,5
Change in condition	
Melting point/Melting range:	Value: < 2 °C
Boiling point/Boiling range:	Value: 98 °C
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):	Value: 27 mbar Test temperature: 20 °C
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:	Value: ~ 4 mPas Test temperature: 20 °C
Specific gravity	Value: 1,32-1,37 g/cm ³



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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:

General notes:



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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)

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



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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.



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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.

Department issuing SDS: Quality Control Department

Contact: Mis Purvi. Shah.

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)

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