



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 12329
Product Name : SODIUM BISULPHITE

Manufacturer/supplier identification
Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No : 517-21-5 Ec-Index No. : -----
Molar Mass : 266.16 EC-No. : 208-233-1
Molecular formula : $C_2H_4Na_2O_8S_2 \cdot H_2O$

3. HAZARDS INDEX : Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES :

After skin contact : wash off with plenty of water. Remove contaminated clothing.
After eye contact : rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist.
After inhalation : fresh air.
After swallowing : make victim drink plenty of water, induce vomiting, summon doctor.

5. FIRE-FIGHTING MEASURES : Suitable extinguishing media: Water, CO₂, foam, powder.

Special risks : Combustible. Development of hazardous combustion gases/ vapours possible in the event of fire. The following may develop in event of fire : sulphur oxides

6. ACCIDENTAL RELEASE MEASURES: Carefully take up dry. Avoid generation of dusts.

7. HANDLING AND STORAGE : Handling : No further requirements.

Storage : Tightly closed. In a well-ventilated place.

8. EXPOSURE CONTROLS/ RESPIRATORY PROTECTION : Required dust mask.

Eye Protection : Required
Hand Protection : Required

Industrial hygiene : Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.
Work under hood. Do not inhale substance.



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9. PHYSICAL AND CHEMICAL PROPERTIES :

Form	:	Powder, fine crystalline
Colour	:	White
Odour	:	----
pH value at 10 g/l H ₂ O (20° C)	:	4.9
Melting temperature	:	Not available
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	800 Kg/m ³
Solubility in Water (20° C)	:	95 gm/l.
Ethanol (20° C)	:	Slightly soluble
Thermal decomposition	:	> 185° C

10. STABILITY & REACTIVITY : Conditions to be avoided : No information available.
Substances to be avoided : No information available.
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION :

Acute toxicity : Quantitative data on the toxicity of this product are not available.
Further toxicological information :
Skin irritation : Irritation.
After Eye contact: Irritations.
After inhalation : Irritations of the mucous membranes, coughing, and dyspnoea.

12. ECOLOGICAL INFORMATION : Adverse ecological effects cannot be excluded in the event of improper handling or disposal.

13. DISPOSAL METHOD : There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION : Not subject to transport regulations.



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15. REGULATORY INFORMATION :

Labelling according to EC Directives

Symbol	:	Xi	Irritant
R-phrases	:	36/37/38	Irritating to eyes, respiratory system and skin.
S-phrases	:	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Water pollution class : 2 (polluting substance) (provisional classification)

16. OTHER INFORMATION :

Reason for alteration

General update.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.