



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 13029
Product Name : POTASSIUM METABISULPHITE

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

Synonyms : Potassium Pyrosulfite, Potassium Disulphite

CAS-No : 16731-55-8 EC-Index No. : -----
Molar Mass : 222.33 EC-No. : 240-795-3
Molecular Formula : $K_2O_5S_2$

3. HAZARDS IDENTIFICATION

Contact with acids liberates toxic gas. Irritating to respiratory system.
Risk of serious damage to eyes.

4. FIRST AID MEASURES

After inhalation : Fresh Air.
After skin contact : Wash off with plenty of water.
Remove contaminated clothing.
After eye contact : Rinse out with plenty of water with the eyelid held wide open. Summon eye specialist.
After swallowing : Make victim drink plenty of water, induce vomiting, summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.
Special risks : Development of hazardous combustion gases or vapours possible in the event of fire.
The following may be developed in event of fire : Sulphur Oxides.
Special protective equipment for fire fighting : Do not stay in dangerous zone without suitable chemical protection clothing & self-contained breathing apparatus
Other information : Non-combustible.



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6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : Avoid generation of dusts; do not inhale dusts. Avoid substance contact.

Procedure for cleaning /absorption : Take up dry. Forward for disposal.

Clean up affected area.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry.

Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye protection : Required

Hand protection : Required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Industrial hygiene : Change contaminated clothing.

Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	White
Odour	:	Pungent
pH value at 400g/l H ₂ O(20°C)	:	3.5 - 5.0
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	:	1000 -1200 kg/m ³
Solubility in Water (20 ° C)	:	~335 gm/l.
Ethanol (20 ° C)	:	Insoluble



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Thermal decomposition : > 150° C

10. STABILITY AND REACTIVITY

Conditions to be avoided : Strong heating
Substances to be avoided : Acids
Hazardous decomposition products : In the event of fire : Sulphur oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.
Further toxicological information :
After inhalation of dust : Irritations symptoms in the respiratory tract.
After skin contact : Irritant effect.
After eye contact : Irritant effect. Risk of serious damage to eyes.
After swallowing : Irritations of mucous membranes in the mouth, pharynx,
oesophagus and gastrointestinal tract.

Further data : Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxic effects :
Quantitative data on the ecological effect of this product are not available.

Biological effects : After reaction, harmful effect on aquatic organisms.
Harmful effect due to pH shift.

Further ecologic data : Do not allow to enter waters, waste water or soil!.

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/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.



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14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol	:	Xi	Irritant
R-phrases	:	31-37-41	Contact with acids liberates toxic gas. Irritating to respiratory system. Risk of serious damage to eyes.
S-phrases	:	26-39	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.

Water pollution class: 1 (slightly polluting substance) (own classification)

16. OTHER INFORMATION

Reason for alteration
Change in labeling.

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.