



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 12009  
Product Name : SODIUM BISMUTHATE  
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. : 12232-99-4 EC-N0. : 235-455-6  
Molar mass : 279.97  
Molecular formula : BiNaO<sub>3</sub>

## 3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/ EEC and laid down in the legislation of the country concerned is not required.

## 4. FIRST AID MEASURES

Eye and skin contact : Rinse out with water. Remove contaminated clothing.  
After swallowing : Make victim drink plenty of water ,induce vomiting, summon doctor.  
After inhalation : Fresh air.

## 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.  
Special risks : None-combustible..

## 6. ACCIDENTAL RELEASE MEASURES

Procedure for cleaning /absorption : Take up dry. Forward for disposal.  
Clean up affected area with water.

## 7. HANDLING AND STORAGE:

Handling : No further requirements.  
Storage : Store tightly closed and dry.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Required when dusts are generated.  
Eye protection : Required  
Hand protection : Required

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Industrial hygiene : Change contaminated clothing. Wash hands after working with substance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid.	
Colour	:	yellow	
Odour	:	Odourless	
pH value at 50g/l H <sub>2</sub> O (20°C)	:	10	(slurry)
Melting temperature	:	Not available	
Boiling temperature	:	Not available	
Ignition temperature	:	Not available	
Flash point	:	Not available	
Explosion limits lower	:	Not available	
Upper	:	Not available	
Relative vapour density	:	Not available	
Density	:	Not available	
Bulk density	:	Near 860 kg/m <sup>3</sup>	
Solubility in water (20°C)	:	Insoluble	

## 10. STABILITY AND REACTIVITY

Conditions To Be Avoided : No Information Available.  
Substance to be avoided : No information available.  
Hazardous decomposition :products : No information available.

## 11. TOXICOLOGICAL INFORMATION:

The following applies to bismuth compounds in general : only slightly absorbable via the gastrointestinal tract.  
After swallowing of large amounts : gastrointestinal complaints, gastric spasms.  
After skin contact : Skin lesions, dermatitis.

## 12. ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention.

## 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

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**14. TRANSPORT INFORMATION**

Not subject to transport regulations.

**15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol : -----  
R- Phrases : -----  
S-phrases : -----  
Water pollution class : 2 (polluting substance) (own classification)

**16. OTHER INFORMATION**

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.