



SAFETY DATA SHEET

1. Identification of the preparation and of the company

Catalogue No. : S 11709
Product Name : SODIUM BROMIDE

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

Synonymus : Bromo sodium

CAS-No : 7642-15-6 Ec-Index No. :
Molar Mass : 102.90 EC-No. : 231-599-9
Molecular Formula : BrNa

3. Hazards Index : 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 : After inhalation : Fresh air.
After skin contact : Wash off with plenty of water.
After eye contact : Rinse out with plenty of water.
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 develop in event of fire : Hydrogen
bromide, bromine.
Other information: Non-combustible.

6. Accidental release : Person - related precautionary measures :
Measures Avoid generation of dusts; do not inhale dusts.
Procedures for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area.

7. Handling and Storage : Handling - No further requirement.
Storage - Tightly closed. Dry. Protected from light.
Storage temperature : No restrictions.

8. Exposure controls/ : Respiratory protection : Required when dusts are generated.
Personal protection Eye Protection : Required



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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 : Immediately change contaminated clothing.
Wash hands after working with substance.

9. Physical and chemical properties :

Form	:	Solid
Colour	:	White
Odour	:	Odourless
pH value at 50 g/l H ₂ O (20° C)	:	~ 5.4
Melting temperature	:	755° C
Boiling temperature	:	1390° C
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	3.20 g/cm ³
Bulk density	:	~ 1750 Kg/m ³
Solubility in Water (0° C)	:	790 gm/lt.
Ethanol (20° C)	:	22 gm/lt.

10. Stability and reactivity :

Conditions to be avoided : Heating

Substances to be avoided : alkali metals, halogen-halogen compounds.

Hazardous decomposition products :

In the event of fire: bromine, hydrogen bromide

Further information : Light-sensitive;

11. Toxicological Information

Acute Toxicity : LD₅₀ (oral, rat) : 3500 mg/kg :

Further toxicological Information :

After swallowing : tiredness.

After uptake of large quantities : Ataxia (impaired loco-motor coordination),
confusion, vomiting, spasms(coma).

Sensitization with allergic manifestations in predisposed persons.



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12. Ecological Information : Behavior in environmental compartments :
Evaluation number (FRG) (bacteria) : 2.6 ; Evaluation number (FRG) (fish) : < 2
Evaluation number (FRG) (mammal) : 1 ;
Ecotoxic effects : Biological effects :
Fish toxicity : L.idus LC₅₀ > 10000 mg/l
Daphnia toxicity : Daphnia magna EC₅₀ : 9313 mg/l/24 h:

Further ecological data : No ecological problems are to be expected when the products is handled and used with due care and attention.

13. Disposal Method : 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 house-hold waste or recycled.

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. Transport information : Not subject to transport regulations.

15. Regulatory Information :
Labeling according to EC Directives

Symbol :

R-phrases :

S-phrases :

Water pollution class : 1 (slightly polluting substance)

16. Other Information :

Reason for alteration

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.