



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : B 30575
Product Name : Bromo benzene

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 Telefax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : phenyl bromide
Molecular Formula : $C_6H_5 Br$
CAS-No : 108-86-1
Ec-Index No. : 602-060-00-9
Molar Mass : 157.02
EC-No. : 203-623-8

3. HAZARDS IDENTIFICATION

Flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment



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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 eyelids held open. Summon eye specialist.

After swallowing: Induce vomiting. Drink plenty of water Summon doctor.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media: powder foam , water, CO₂.

Special risks: Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in the event of fire: hydrogen bromide. Special protective equipment for fire fighting: Do not stay in dangerous zone without suitable Chemical protection clothing and self-contained breathing apparatus.

Other Information: Prevent fire – fighting water from entering surface water or ground water.

6. ACCIDENTAL RELEASE MEASURES

Do not inhale vapours/ aerosols. Ensure supply of fresh air in enclosed rooms

Environmental protection measures:

Do not allow entering sewage system.

Procedures for cleaning / absorption:

Take up with liquid absorbent material. Clean up affected area Forward for disposal.



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7. HANDLING AND STORAGE MEASURES

Handling: Keep away from sources of ignition. Take to prevent electrostatic charging

Storage: Tightly closed. At +15⁰C to +25⁰C. Tightly closed in a well ventilated place away from sources of ignition and heat

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: required when vapours/aerosols are generated

Eye protection: required

Hand protection: required

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

Industrial hygiene: Change contaminated clothing. Application of skin protective barrier cream recommended. Wash hands after working with substance. Under no circumstances eat or drink at work place.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Colour : colourless
Odour : aromatic
Melting temperature: -31 ⁰C
Boiling temperature : 150 ⁰C
PHvalue : Not available



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Ignition temperature : 565 °C
Flash point : 51 °C
Explosion limits lower : 0.5 Vol%
Upper : 2.5 Vol%
Relative vapour density : not available
Density (20°C) : 1.49 g/cm³
Solubility in
water (20°C) : 0.4 g/l
toluene (20°C) : soluble
chloroform(20°C) : soluble

10. STABILITY AND REACTIVITY

Conditions to be avoided: no information available

Substance to be avoided: oxidising agent, peroxi compounds, alkali metals

Hazardous decomposition products: no information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

LD₅₀(oral, rat):2699 mg/kg

Further toxicological information

After skin contact: irritations

Further data: The product should be handled with the care usual when dealing with chemicals.



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12. ECOLOGICAL INFORMATION

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

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

13. DISPOSAL METHOD

Product : 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 .

Packaging : Disposal in compliance with official Regulations . Handle contaminated packaging as 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

Transport over land

ADR/RID and GGVS/GGVE : GGVS/GGVE class:3 Number and letter:31c

ADR/RID class :3 Number and letter:31c

Name of material : BROMOBENZENE

River transport AND/ADNR: Not examined

Sea transport IMDG : IMDG class:3.3 UN –No.:2514 Packaging group: III

Ems :3-07 MFAG: 345

Correct technical name: BROMOBENZENE



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Air transport

ICAO-TI and IATA-DGR: ICAO/IATA class:3 UN/ID-No.:2514 Packaging group: III

Correct technical name: BROMOBENZENE

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xi Irritant
 N dangerous for the environment

R- Phrases : 10-38-51/53 Flammable . Irritating to skin Very toxic to aquatic organism, may cause long term adverse effects in the

S-phrases : 61 Avoid release to the environment.

Water pollution class : 2 (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.
