



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 71217
Product Name : POTASSIUM BROMIDE A.R.

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 : 7758-02-3 Ec-Index No. :
Molar Mass : 119.01 EC-No. : 231-830-3
Molecular formula : BrK

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. Consult doctor if feeling unwell.
After skin contact: Wash off with plenty of water. Remove contaminated clothing.
After eye contact : Rinse out with 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: Non-combustible. Development of hazardous combustion gases or
vapours possible in the event of fire.

The following may develop in event of fire : Bromine

Special protective equipment for fire fighting : Do not stay in dangerous zone
without suitable chemical protection clothing & self-contained breathing apparatus

Other information : Contain escaping vapours with water. Prevent fire-fighting
water from entering surface water or ground water.



SAFETY DATA SHEET

Catalogue No. : P 71217
Product Name : POTASSIUM BROMIDE A.R.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary 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.

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 and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Colourless to white
Odour	:	Odourless
pH value at 50 g/l H ₂ O (20° C)	:	5.5 - 8.5
Melting temperature	:	730° C
Boiling temperature	:	1380° C
Ignition temperature	:	Not available
Flash Point	:	Not available
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	2.75 g/cm ³
Bulk density	:	~ 900 - 1000 Kg/m ³
Solubility in Water (20° C)	:	650 gm/lt.
Ethanol (20° C)	:	Slightly soluble



SAFETY DATA SHEET

Catalogue No. : P 71217
Product Name : POTASSIUM BROMIDE A.R.

10. STABILITY AND REACTIVITY

Conditions to be avoided : no information available

Substances to be avoided : acids, halogen-halogen compounds.

Hazardous decomposition products: in the event of fire:

bromine, hydrogen bromide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : > 3070 mg/kg.

Further toxicological information. : The data available to us do not suffice to permit any industrial-toxicological assessment.

The following applies to inorganic bromides in general : the uptake of large quantities as a result of misuse or improper handling leads to tiredness, agitation, spasms.

Further data : However, when the product is handled appropriately, hazardous effects are unlikely to occur.

12. ECOLOGICAL INFORMATION

Ecotoxic effects :

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

Further ecologic data : No ecological problems are to be expected when the product 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

No subject to transport regulations.



SAFETY DATA SHEET

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

Water pollution class : 1 (slightly 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.