



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 14216
Product Name : Sodium iodide

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 :

CAS-No	:	7681-82-5	Ec-Index No.:	
Molar Mass	:	149.89	EC-No.:	231-679-3
Molecular Formula	:	INa		

3. HAZARDS IDENTIFICATION

No Data

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 with eyelids held open .
After swallowing : make victim drink plenty of water , summon doctor .

5. **FIRE – FIGHTING MEASURES** : Suitable extinguishing media : In adaption to materials available 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 the event of fire:
Iodine
Special protective equipment for fire fighting:
Do not stay in dangerous zone without and self-contained breathing apparatus.
Other Information: Contain escaping vapours with water. Prevent fire – fighting water from entering surface water or ground water.



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6. **ACCIDENTAL RELEASE MEASURES:** Procedures for cleaning / absorption :
Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts

7. **HANDLING AND STORAGE:** Handling : No further requirements.
Storage : Tightly closed .Away from light.
Storage temperature : No restrictions .

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

Personal protective equipment

Respiratory protection : required when dusts 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 .

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Form	:	solid
Colour	:	white
Odour	:	odourless
Melting temperature	:	651 °C
Boiling temperature	:	1300 °C
PHvalue		
at 50g/l H ₂ O(20 ⁰ C)	:	~ 6-9
Ignition temperature	:	Not available
Flash point		Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20 ⁰ C)	:	3.67 g/cm ³
Solubility in		
water (20 ⁰ C)	:	1790 g/l

10. **STABILITY AND REACTIVITY**

Conditions to be avoided : no information available.

Substance to be avoided : no information available.



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Hazardous decomposition products :
no information available

11. **Toxicological Information** : Acute Toxicity : LD₅₀(oral, rat) : 4340 mg/Kg
Further toxicological information
After swallowing of large amounts: drop in blood pressure,
vomiting, fever.

12. **ECOLOGICAL INFORMATION** : Ecotoxic effects: fish LC₅₀ : 10000 mg/l
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** : 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 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** : Not subject to transport regulations

15. **REGULATORY INFORMATION** :

Labelling 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.