



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : I 51079
Product Name : IODINE N/10 SOLUTION

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 – 2788700/701/702

Contact for Information : Tel . No. – 0484 - 2788725/726
Emergency Telephone No. : 0484 - 2788725/726

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No : 7553-56-2 EC-Index No. : 053-001-00-3
Molar Mass : - EC-No. : 231-442-4

3. HAZARDS IDENTIFICATION : Harmful by inhalation and in contact with skin.

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
the eyelid held wide open. Summon eye specialist if necessary.

After swallowing : Make victim drink plenty of water, oat gruel.

Subsequently administer decoction of flour.

Laxative : Sodium sulphate (1 tablespoon/ 1/4 lt. water).

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.



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Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES : Person-related precautionary measures: Avoid substance contact.
Avoid generation of dusts; do not inhale dusts.
Environmental-protection measures : Do not allow to enter sewerage system.
Procedures for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area.

7. HANDLING AND STORAGE : Handling : Store protected from solvents.
Storage : Tightly closed. Dry. In a well-ventilated place.
Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when vapours 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. Apply skin-protective barrier cream.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	LIQUID
Colour	:	Brown solution
Odour	:	Pungent
pH value	:	Not available
Melting temperature	:	-
Boiling temperature	:	-
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Vapour pressure (20 ° C)	:	-
Density (20 ° C)	:	-
Bulk Density	:	-
Solubility in Water (20 ° C)	:	Soluble

10. STABILITY AND REACTIVITY : Conditions to be avoided : No information available.
Substances to be avoided : Alkali metals, ammonia, ammonium compounds, nonmetallic oxides, nonmetals, halogen-halogen compounds, acetylidene, semimetals, metals in powder form, aluminium, acetylene, carbides, fluorine, magnesium, lithium, silicide azides, turpentine oils and or turpentine substitutes, alkali oxides.

Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION : Acute toxicity : LD₅₀ (oral, rat) : 14000 mg/kg
The literature data available to us do not conform with the labelling prescribed by the EC. The EC has dosiers which have not been published.

Further toxicological information :

After inhalation of vapours : Irritation symptoms in the respiratory tract



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After swallowing : Metallic taste, bloody diarrhoea, fever and collapse

After contact with substance : Skin lesions.

Chronic intoxication : Skin lesions & allergic reactions with rhinitis, conjunctivitis, bronchitis and asthma.

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

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 household 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 :

Transport over land

ADR/RID & GGVS/GGVE : GGVS/GGVE class : 8 Number and letter : 65c

ADR/RID class : 8 Number and letter : 65c

Name of material : IODINE N/10 SOLUTION

Sea Transport IMDG : IMDG class : 8 UN No. : 1759 Packing group : III



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Ems : 8-15 MFAG : 760,4.3

Correct Technical Name : IODINE N/10 SOLUTION

Air Transport ICAO-TI

and IATA-DGR : ICAO/IATA class : 8 UN No. : 1759

Packaging group : III

Correct Technical Name : IODINE N/10 SOLUTION

15. REGULATORY INFORMATION :

Labelling according to EC Directives :

Symbol :
R-phrases : 20/21 Harmful by inhalation and in contact with skin.
S-phrases : 23-25 Do not breathe vapour. Avoid contact with eyes.
EC.No. : 231-442-4 EC label

Water pollution class : 1 (slightly polluting substance)

16. OTHER INFORMATION :

Reason for alteration

General update.

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.
