



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : I 10917
Product Name : IODINE RESUBLIMED

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 : 7553-56-2 EC-Index No. : 053-001-00-3
Molar Mass : 253.81 EC-No. : 231-442-4
Molecular Formula : I₂

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).



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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.

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/aerosols are generated.



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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Brown purple
Odour	:	Pungent
pH value	:	Not available
Melting temperature	:	114 ° C
Boiling temperature	:	183 ° C
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)	:	0.28 hPa
Density (20 ° C)	:	4.93 gm/cm
Bulk Density	:	~2100 kg/m ³
Solubility in Water (20 ° C)	:	0.3gm/lt.



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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 dossiers which have not been published.

Further toxicological information :

After inhalation of vapours : Irritation symptoms in the respiratory tract.

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.



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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

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 RESUBLIMED

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

Ems : 8-15 MFAG : 760,4.3

Correct Technical Name : IODINE RESUBLIMED

Air Transport ICAO-TI
and IATA-DGR :

ICAO/IATA class : 8 UN No. : 1759

Packaging group : III

Correct Technical Name : IODINE RESUBLIMED



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15. REGULATORY INFORMATION

Labelling according to EC Directives :

Symbol	:	Xn	Harmful
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.
