



# **SAFETY DATA SHEET**

## **1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

Catalogue No. : L 31271  
Product Name : LUGOL'S IODINE SOLUTION

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

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## **2. COMPOSITION/INFORMATION ON INGREDIENTS**

Aqueous solution of inorganic compounds.

Synonyms : iodine -potassium iodide solution

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**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. Risks cannot be excluded if the product is handled in appropriately.

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**4. FIRST AID MEASURES** : After inhalation : Fresh air.  
After eye contact : Rinse out with plenty of water with  
the eyelid held wide open.  
  
After skin contact : Wash off with plenty of water.  
Remove contaminated clothing.  
After swallowing : Make victim drink plenty of water,  
induce vomiting. Summon doctor.

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**5. FIRE-FIGHTING MEASURES** : Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.

Special risks : Non-Combustible.

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### **6. ACCIDENTAL RELEASE MEASURES**

Person-related precautionary measures :

Do not inhale vapours.

Procedures for cleaning/absorption : Take up with liquid-absorbent material (e.g.Chemizorb ). Forward for disposal. Clean up affected area.

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**7. HANDLING AND STORAGE** : Handling : No further requirements.  
Storage : Tightly closed. Protected from light.  
In a well-ventilated place. At +15 C to +25 C.

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### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection :

Required when vapours/aerosols are generated.

Eye Protection : Required

Hand Protection : Required

Industrial hygiene : Change contaminated clothing.

Wash hands after working with substance.

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : Liquid

Colour : Brown

Odour : Slightly pungent

pH value at gm/lit. H O (20 ° C) : 4.0 - 4.5



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Melting temperature	: Not available
Boiling temperature	: 100 ° 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)	: 1.01 gm/cm <sup>3</sup>
Solubility in Water (20 ° C)	: Soluble

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### **10. STABILITY AND REACTIVITY**

Conditions to be avoided : Not known to date

Substances to be avoided : Not known to date

Hazardous decomposition products : Not known to date

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### **11. TOXICOLOGICAL INFORMATION**

Acute toxicity : Quantitative data on the toxicity  
of this product are not available.

Further toxicological Information :

We have no description of any toxic symptoms. Sensitization with allergic  
manifestations in predisposed persons.

After skin contact : Local irritation symptoms.

After swallowing : gastrointestinal complaints.

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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.

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**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 & 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 in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

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**14. TRANSPORT INFORMATION** : Not subject to transport regulations.

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### **15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

Water pollution class : 0 (generally nonpolluting substance) (own classification)

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### **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.

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