



# Safety Data Sheet

## Iodine RTU

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY			
Product Name	Iodine RTU		
Address / Phone Number	Delf (UK) Ltd Unit 2 Hickmans Road Birkenhead Wirral CH41 1JH      Tel: (00 44) 151 630 0405      Fax: (00 44) 151 630 0406      E-mail: <a href="mailto:info@delf-uk.com">info@delf-uk.com</a>		
Emergency Phone Number	IN AN EMERGENCY DIAL LOCAL EMERGENCY SERVICES		
2. COMPOSITION / INFORMATION			
Product Description	A brown Iodine based liquid.		
Alternative Names	None		
Hazardous Ingredient(s)	None.		
3. HAZARDS IDENTIFICATION			
Most Important Hazard	Not classified as hazardous.		
4. FIRST AID MEASURES			
Inhalation	If person is exposed to fumes move into fresh air, and if recovery is not rapid seek medical attention.		
Skin Contact	Remove contaminated clothing. Wash affected area with plenty of soap and water. If in doubt or irritation persists obtain medical attention. Launder clothing before re-use.		
Eye Contact	Rinse immediately with plenty of water, holding eyelids apart, for at least 10 minutes and seek medical advice.		
Ingestion	Rinse mouth out with plenty of water and give 200-300ml water to drink. DO NOT INDUCE VOMITING. Keep patient at rest and obtain medical attention.		
5. FIRE FIGHTING MEASURES			
<i>In combustion emits toxic fumes.</i>			
Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used.		
Fire Fighting Protective Equipment.	Wear self-contained breathing apparatus. Suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water.		
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions	See exposure controls / personal protection (Section 8).		
Spillages	Small spillages: Wash the spillage area to drain with plenty of water. Large spillages: Where possible, transfer to a container for reuse or disposal (see Disposal Considerations – Section 13). Contain and absorb using earth, sand or other inert material. Flush area to drain with plenty of water.		
Environmental Precautions	Spillages or uncontrolled discharges into watercourses, drains or sewers must be reported immediately to the Environment Agency, local water company or other appropriate regulatory bodies.		
7. HANDLING AND STORAGE			
Handling	Use product in accordance with good practices for handling and storing of chemicals. Avoid contact with skin and eyes. Do not mix with other chemicals. Avoid contact with acids.		
Storage	Store in original container in dry conditions. Avoid extremes of temperature. Shelf life (unopened) approximately 1 year.		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
Personal Protective Equipment	Wear rubber or PVC gloves. Protect eyes from splashes.		
Occupational Exposure Limits	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
	IODINE	-	1.1 mg/m <sup>3</sup>
9. CHEMICAL AND PHYSICAL PROPERTIES			
Appearance	Dark Brown liquid.		
Odour	Characteristic.		
Solubility	Completely soluble in water.		

<b>Specific Gravity</b>	1.02
<b>pH</b>	3.
<b>10. STABILITY AND REACTIVITY</b>	
<b>Stability</b>	Stable under normal conditions.
<b>Known Hazardous Reactions</b>	Avoid extreme heat.
<b>Materials to avoid</b>	Strong acids alkalis may cause the release of iodine vapour.
<b>Hazardous Decomposition Product(s)</b>	In combustion emits toxic fumes.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Inhalation</b>	May cause to respiratory system and mucous membranes at elevated temperatures.
<b>Skin Contact</b>	Prolonged contact may cause drying and cracking of skin.
<b>Eye contact</b>	Repeated and / or long-term contact may lead to irritation.
<b>Ingestion</b>	May cause nausea and irritation to the digestive tract.
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Persistence and Degradation</b>	This product is not expected to bio accumulate.
<b>Toxicity</b>	Toxic in the aquatic environment. Do not contaminate ponds, waterways or ditches with advantage or its used container.
<b>Effect on Effluent Treatment</b>	Not known.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste</b>	Small amounts may be hosed away with water. Larger quantities may only be disposed in accordance with Local Authority regulations.
<b>14. TRANSPORT INFORMATION</b>	
<b>UN Transport Name</b>	Non-hazardous for transport.
<b>UN No.</b>	Not applicable.
<b>UN Primary Class</b>	Not applicable.
<b>UN Packaging Group</b>	Not applicable.
<b>Transport Hazard Symbol</b>	Not applicable.
<b>Packaging</b>	25 Litre, 200 Litre and 1000 Litre IBC HDPE containers.
<b>Normal Carriage Temperature</b>	Ambient.
<b>15. REGULATORY INFORMATION</b>	
None applicable.	
<b>16. OTHER INFORMATION</b>	
<b>Compiled according to the following UK regulations:</b>	
<b>2002</b>	Control of Substances Hazardous to Health Regulations.
<b>2004</b>	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.
<b>2002</b>	Chemical (Hazard Information and Packaging for supply) Regulations.
	EH40 Occupational Exposure Limits.

<b>Legal Disclaimer</b>	The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. For further details see Delf (UK) Ltd. conditions of sale (additional copies of this are available on request).
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