



SAFETY DATA SHEET

IODINE SOLUTION (2.5%)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: IODINE SOLUTION (2.5%)
PART No.: M074
SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
Tel: 023 8022 2008
Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	1-5 %
IODINE 7553-56-2	231-442-4	Xn ,N R-20/21, 50	1-5 %
ETHANOL 64-17-5	200-578-6	F R-11	30-60 %

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS: Contains ethanol at ~ 36% (w/w).

3. HAZARDS IDENTIFICATION:

This preparation does not require classification as hazardous to health.

4. FIRST AID MEASURES:

GENERAL: IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

INHALATION: Move affected person to fresh air. If recovery not rapid, seek medical attention. If breathing stops, provide artificial respiration. Keep affected person warm and at rest.

INGESTION: DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth

with plenty of water and give plenty of water to drink - (approx 500ml). Keep patient at rest and obtain medical attention.

SKIN: Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

EYES: Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use extinguishing media suitable against surrounding fire or the cause of fire.

SPECIAL FIRE FIGHTING PROCEDURES: Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.

HAZARDOUS COMBUSTION PRODUCTS: Burning will produce oxides of carbon. - may decompose in fire situation to release iodine fumes.

PROTECTIVE MEASURES IN FIRE: Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL: Avoid direct contact with skin, eyes and clothing.

PRECAUTIONS TO PROTECT ENVIRONMENT: Prevent contamination of soil, drains and surface water.

SPILL CLEANUP METHODS: Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Ensure good ventilation and local exhaust extraction in work place.

STORAGE PRECAUTIONS: Avoid direct sunlight. Store in a cool, dry, well ventilated place, in securely closed original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ETHANOL	64-17-5	OES	1000 ppm	No std.
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
IODINE	7553-56-2	OES		0.1 ppm

INGREDIENT COMMENTS: Sk - can be absorbed by skin contact.

VENTILATION: Ensure adequate ventilation.

PROTECTIVE GLOVES: Use impervious gloves.

EYE PROTECTION: Use eye protection if eye contact is likely.

OTHER PROTECTION: Wear personal protective equipment appropriate to the quantity of material handled.

HYGIENIC WORK PRACTICES: SKIN PROTECTION - apply barrier cream to hands and exposed skin.
Apply good personal hygiene principles, such as washing of hands, arms and face.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Brown mobile liquid with alcoholic odour.
DENSITY/SPECIFIC GRAVITY (g/ml): ~ 0.979 **Temperature (°C):**
SOLUBILITY DESCRIPTION: Miscible with water.

10. STABILITY AND REACTIVITY:

STABILITY: Stable under normal conditions of use.
MATERIALS TO AVOID: Oxidising agents. Sulphuric acid. Nitric acid.
HAZARDOUS DECOMP. PRODUCTS: Thermal decomposition or burning will release oxides of carbon. - also harmful iodine vapour.

11. TOXICOLOGICAL INFORMATION:

HEALTH HAZARDS, GENERAL: Intoxicating if inhaled or ingested.
INGESTION: May cause nausea, vomiting or diarrhoea.
SKIN: Liquid may be absorbed through skin, but during normal contact not in toxicologically significant amounts unless contact exposure is large and over prolonged period.
Product will stain skin deep reddish-brown.
EYES: May cause irritation to eyes.
ROUTE OF ENTRY: Inhalation.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION: No specific data or information available regarding environmental impact. Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.

14. TRANSPORT INFORMATION:

UN No. ROAD: 1293
UK ROAD PACK GR.: III
ADR CLASS No.: 3
ADR CLASS: Class 3: Flammable liquids.
ADR ITEM No.: 31°(c)
HAZARD No. (ADR): 30 Flammable liquid (flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self heating liquid.
ADR MARGINAL: 2301
ADR LABEL No.: 3
HAZCHEM CODE: 2Y
PROPER SHIPPING NAME I: TINCTURES, MEDICINAL
UN No. SEA: UN 1293
IMDG CLASS: 3.3
IMDG PAGE No.: 3386
IMDG PACK GR.: III
MARINE POLLUTANT: No.
UN No., AIR: UN-ID 1293
ICAO CLASS: 3
AIR PACK GR.: III

15. REGULATORY INFORMATION:

UK REGULATORY REFERENCES: This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.

16. OTHER INFORMATION:

INFORMATION SOURCES: This product has been classified in accordance with CHIP3 regulations.
REVISION COMMENTS: Edition 01; Revised item(s):
ISSUED BY: MK
SDS No.: M149
DATE: 12/07/02
DISCLAIMER: The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their

purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.

R-PHRASES (Full Text):

R-11 Highly flammable. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R-20/21 Harmful by inhalation and in contact with skin. R-50 Very toxic to aquatic organisms.