



SAFETY DATA SHEET

IODOFORM

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

PRODUCT NAME: IODOFORM
CHEMICAL NAME 2: TRI-IODOMETHANE
PART No.: RM131
SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
Tel: 023 8022 2008
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

EU INDEX No.: - - -
EEC (EINECS) No.: 200-874-5
CAS No.: 75-47-8

3. HAZARDS IDENTIFICATION:

Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes.

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.

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 out. 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. Launder clothing before re-use.

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:

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| EXTINGUISHING MEDIA: | Use extinguishing media suitable against surrounding fire or the cause of fire. Noncombustible or flammable but will burn or decompose in fire situation. |
| 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: | Noxious or toxic vapours may be released in fire situation. Halogenated hydrocarbon - iodine fumes may be evolved. |
| PROTECTIVE MEASURES IN FIRE: | Fire fighters should wear self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES:

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| PERSONAL PRECAUTION IN SPILL: | Avoid direct contact with skin, eyes and clothing. Avoid breathing dust. |
| PRECAUTIONS TO PROTECT ENVIRONMENT: | Prevent contamination of soil, drains and surface water. |
| SPILL CLEANUP METHODS: | Cover spillage with damp inert material, take-up or collect and place into a suitable closable labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements. |

7. HANDLING AND STORAGE:

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| USAGE PRECAUTIONS: | HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Avoid creating or raising dust. Minimise creation of air-borne dust by application of good occupational hygiene principles, appropriate control measures and extraction techniques. |
| STORAGE PRECAUTIONS: | Store in a cool, dry, well ventilated place, in securely closed original container. |
| STORAGE CRITERIA: | Chemical storage. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

| INGREDIENT NAME: | CAS No.: | STD | LT EXP 8 Hrs | ST EXP 15 Min |
|-------------------------|-----------------|------------|---------------------|----------------------|
| IODOFORM | 75-47-8 | OES | 0.6 ppm | 1 ppm |

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| VENTILATION: | Provide sufficient ventilation for operations causing dust formation. |
| RESPIRATORS: | If unable to control dust emissions below recommended limits, an approved respiratory protection (EN 149 FFP) must be used at all times providing at least P2S level of protection. |
| PROTECTIVE GLOVES: | Use impervious gloves. |
| EYE PROTECTION: | Wear approved chemical safety goggles where eye exposure is reasonably probable. |
| 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. Regularly vacuum dust to minimise the potential of air-borne exposure. |

9. PHYSICAL AND CHEMICAL PROPERTIES:

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| APPEARANCE: | Fine yellow crystalline powder or lustrous crystals. | | |
| ODOUR/TASTE: | Characteristic. Disagreeable. | | |
| MOL. WEIGHT: | . | | |
| MELT/FREEZ. POINT (°C, interval): | 120 - 123 | | |
| DENSITY/SPECIFIC GRAVITY (g/ml): | 4.01 | Temperature (°C): | 20 |
| SOLUBILITY DESCRIPTION: | Soluble in: Alcohol. Chloroform. | | |
| SOLUBILITY VALUE (g/100g H₂O 20°C): | 0.1g/1 @ 20°C | | |
| DECOMPOSITION TEMP. (°C): | ~ 204 | | |

10. STABILITY AND REACTIVITY:

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| STABILITY: | Stable under normal conditions of use. |
| CONDITIONS TO AVOID: | Avoid excessive heat. |
| MATERIALS TO AVOID: | SILVER NITRATE, MERCUROUS CHLORIDE, MERCURIC OXIDE Alkalis, bases and oxidising agents. Reacts violently with alkali metals. Avoid contact with acetone, magnesium and silver or mercury compounds. |
| HAZARDOUS DECOMP. PRODUCTS: | Thermal decomposition may release noxious, toxic or corrosive gases or vapours. - iodine, hydrogen iodide and oxides of carbon. |

11. TOXICOLOGICAL INFORMATION:

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| Toxicological data | LD50. Oral. Rat. 355 mg/kg LC50. Inhalation. Rat. 165 ppm (7hour) LD50. Skin. Rat. 1184 mg/kg |
| INHALATION: | Irritating to mucous membranes. Irritating to the respiratory system. |
| INGESTION: | Nausea, vomiting. |
| EYES: | May cause eye irritation, burning sensation or lacrymation. |
| HEALTH WARNINGS: | May give rise to systemic effects (poisoning). |

12. ECOLOGICAL INFORMATION:

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| ECOLOGICAL INFORMATION: | No specific data or information available regarding environmental impact. |
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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.

WASTE CLASS: WASTE CODE: 0705** HAZARDOUS PROPERTY: H5

14. TRANSPORT INFORMATION:

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R-36 Irritating to eyes.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-37 Wear suitable gloves.
S-46 If swallowed seek medical advice immediately and show this container label.

UK REGULATORY REFERENCES: Chemicals (Hazard Information & Packaging) Regulations 1993. Classification, Packaging and Labelling Regulations 1984.

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.: 249

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.
