



SAFETY DATA SHEET

SODIUM IODIDE

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

PRODUCT NAME: SODIUM IODIDE
PART No.: RM248
SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
Tel: 023 8022 2008
Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS No.: 7681-82-5

3. HAZARDS IDENTIFICATION:

Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES:

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

INHALATION: Move affected person from exposure.

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). Obtain medical attention if adverse symptoms occur.

SKIN: 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:

Noxious or toxic vapours may be released in fire situation.

PROTECTIVE MEASURES IN FIRE:

Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:

Avoid formation of dust. Avoid contact with eyes.

PRECAUTIONS TO PROTECT ENVIRONMENT:

Prevent contamination of soil, drains and surface water.

SPILL CLEANUP METHODS:

Vacuum or wet-sweep 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:

USAGE PRECAUTIONS:

The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals.

STORAGE PRECAUTIONS:

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

STORAGE CRITERIA:

On prolonged storage will liberate iodine (product will discolour brown).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT COMMENTS:

No specific OES assigned, however for dusts of any kind, ensure LTEL (8-hour TWA ref. period) level does not exceed 10 mg.m³ for total inhalable dust or 4 mg.m³ for respirable dust (or) as recommended in current edition of EH40.

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Use eye protection if eye contact is likely.

OTHER PROTECTION:

Wear suitable personal protective equipment appropriate to the task.

HYGIENIC WORK PRACTICES:

SKIN PROTECTION - apply barrier cream to hands and exposed skin.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:

White crystalline powder or granules.

DENSITY/SPECIFIC GRAVITY (g/ml):

3.67

Temperature (°C):

SOLUBILITY DESCRIPTION:

Very soluble in water. Deliquescent.

10. STABILITY AND REACTIVITY:

STABILITY:

Stable under normal conditions of use.

CONDITIONS TO AVOID: Avoid prolonged exposure to light.
MATERIALS TO AVOID: Perchloric acid.
HAZARDOUS DECOMP. PRODUCTS: Noxious, toxic or corrosive vapours may be released in a fire situation. - Iodine fumes.

11. TOXICOLOGICAL INFORMATION:

Toxicological data LD50. Oral. Rat. 4340 mg/kg
HEALTH HAZARDS, GENERAL: Irritating to eyes or if inhaled as dust.
SKIN: May cause irritation by skin contact.

12. ECOLOGICAL INFORMATION:

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

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Via authorised/licenced waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

14. TRANSPORT INFORMATION:

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION:

COMMENTS: This product does not require classification, however the following is suggested for supply -
Avoid contact with eyes.

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.: 445

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.