

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 12/30/2010 Revision date: 3/21/2023 Supersedes: 1/17/2019 Version: 8.0

## **SECTION 1: Identification**

#### 1.1. Identification

Product form : Substance

Substance name : METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%)

CAS-No. : 74-88-4
Product code : DLM-362
Formula : CD3I
Synonyms : Methyl lodide
Other means of identification : Also applicable to:

DLM-362-LBQA

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Cambridge Isotope Laboratories, Inc.

50 Frontage Rd

01810

ANDOVER, MA, 01810

USA

T 1-800-322-1174

cilsales@isotope.com - www.isotope.com

#### 1.4. Emergency telephone number

Emergency number : 1-703-741-5970

Chemtrec 1-800-424-9300 24 hours

## **SECTION 2: Hazard(s) identification**

#### 2.1. Classification of the substance or mixture

#### **GHS US classification**

Acute toxicity (oral) Category 3 H301 Toxic if swallowed
Acute toxicity (dermal) Category 3 H311 Toxic in contact with skin

Acute toxicity (inhalation:dust,mist) Category 2 H330 Fatal if inhaled

Respiratory sensitization, Category 1 H334 May cause an allergy or asthma symptoms or breathing

difficulties if inhaled

Skin sensitization, Category 1 H317 May cause an allergic skin reaction

Carcinogenicity Category 2 H351 Suspected of causing cancer (Dermal, Inhalation, oral)

Specific target organ toxicity – Single exposure, Category 3, H335 May cause respiratory irritation

Respiratory tract irritation

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

#### **GHS US labeling**

Hazard pictograms (GHS US)





Signal word (GHS US) : Danger

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Precautionary statements (GHS US)

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Hazard statements (GHS US) : H301+H311 - Toxic if swallowed or in contact with skin

H317 - May cause an allergic skin reaction

H330 - Fatal if inhaled

H334 - May cause an allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

H351 - Suspected of causing cancer (Dermal, Inhalation, oral)

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust, fume, gas, mist, spray, vapors.
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.
P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear eye protection, face protection, protective clothing, protective gloves.

P284 - [In case of inadequate ventilation] wear • Respiratory protection. P301+P310 - If swallowed: Immediately call a doctor, a POISON CENTER.

P302+P352 - If on skin: Wash with plenty of water.

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.

P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P310 - Immediately call a doctor, a POISON CENTER.

P312 - Call a doctor, a POISON CENTER if you feel unwell.

P320 - Specific treatment is urgent (see Hazardous component(s) for labeling on this label).

P321 - Specific treatment (see Hazardous component(s) for labeling on this label).

P322 - Specific treatment (see supplemental first aid instruction on this label)

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P342+P311 - If experiencing respiratory symptoms: Call a doctor, a POISON CENTER.

P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

## 2.4. Unknown acute toxicity (GHS US)

Not applicable

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#### **SECTION 3: Composition/Information on ingredients**

#### 3.1. Substances

Name	Product identifier	%	GHS US classification
METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (Main constituent)	CAS-No.: 74-88-4		Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist), H330 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335

Full text of hazard classes and H-statements: see section 16

#### 3.2. Mixtures

Not applicable

## **SECTION 4: First-aid measures**

## 4.1. Description of first aid measures

First-aid measures general First-aid measures after inhalation

First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion

- : If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.
- : When symptoms occur: go into open air and ventilate suspected area. If not breathing give artificial respiration. Get medical advice/attention.
- : Wash with plenty of soap and water. and soap. Get immediate medical advice/attention.
- : Rinse cautiously with water for several minutes.
- : Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.

## 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms

: Nausea. Dizziness. Headache. Blurred vision. Weakness. Drowsiness. Ataxia. Confusion. Convulsions. Narcosis. Pulmonary edema. Effects may be delayed. Symptoms of systemic copper poisoning may include: capillary damage, headache, cold sweat, weak pulse, and kidney and liver damage, central nervous system excitation followed by depression, jaundice, convulsions, paralysis, and coma. Death may occur from shock or renal failure. Chronic copper poisoning is typified by hepatic cirrhosis, brain damage and demyelination, kidney defects, and copper deposition in the cornea as exemplified with humans with Wilson's disease. It has also been reported that copper poising has lead to hemolytic anemia and accelerates arteriosclerosis. Stomach - Irregularities - Based on Human Evidence. Toxic if swallowed. Toxic in contact with skin. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Symptoms/effects after inhalation

Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion Chronic symptoms

- : Fatal if inhaled. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
- : Toxic in contact with skin. May cause an allergic skin reaction.
- : Causes serious eye damage.
- : Toxic if swallowed.
- : Suspected carcinogen.

## 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

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#### **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

#### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). hydrogen iodide.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Wear a self contained breathing

apparatus. Do not enter fire area without proper protective equipment, including respiratory

protection.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear

recommended personal protective equipment.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing vapors, mist, gas. Avoid dust formation.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

For containment : Clean up any spills as soon as possible, using an absorbent material to collect it. Small

quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, confine the spill in a dike and charge it with wet sand or earth for

subsequent safe disposal.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapor concentrations.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety

practice.

## 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : Store refrigerated (-5 °C to 5 °C). Protect from light.

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## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	2 ppm USA. ACGIH Threshold Limit Values (TLV)	
Remark (ACGIH)	Central Nervous System impairment. Eye damage. Danger of cutaneous absorption.	
ACGIH chemical category	No component of this product present at levels greater than or equal to 0.1% is identifiable as a carcinogen or potential carcinogen by ACGIH.	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1] 28 mg/m³ USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contamina		
OSHA PEL TWA [2]	5 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants	
OSHA PEL C	10 California permissible exposure limits for chemical contaminants (Title 8, Article 107) - Skin	
OSHA PEL C [ppm] 2 ppm California permissible exposure limits for chemical contaminants (Title 8, Article 107 Skin		
Remark (OSHA) Skin designation - The value in mg/m3 is approximate.		
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA 10 mg/m³ USA. NIOSH Recommended Exposure Limits		
NIOSH REL TWA [ppm]	2 ppm USA. NIOSH Recommended Exposure Limits	
Remark (NIOSH)	Potential Occupational Carcinogen - See Appendix A - Potential for dermal absorption	

## 8.2. Appropriate engineering controls

Appropriate engineering controls : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

Environmental exposure controls : Avoid release to the environment.

## 8.3. Individual protection measures/Personal protective equipment

## Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.

#### Materials for protective clothing:

Wear suitable protective clothing and gloves

#### Hand protection:

Wear suitable protective clothing and gloves

## Eye protection:

Wear eye protection. Chemical goggles or face shield with safety glasses

#### Skin and body protection:

Wear suitable protective clothing, gloves and eye/face protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator

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#### Personal protective equipment symbol(s):









## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid Appearance : Liquid.

Color : Colorless to light red
Odor : No data available
Odor threshold : No data available
pH : No data available
Melting point : -64 °C (-83 °F) - lit
Freezing point : No data available

Boiling point : 41 - 43 °C (106 - 109 °F) - lit

Flash point : No data available Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : No data available

Vapor pressure : 544 hPa (408 mmHg) 20 °C (68 °F); 1,660 hPa (1,245 mmHg) at 55 °C (131 °F)

Relative vapor density at  $20^{\circ}$ C : 4.9 - (Air = 1.0)Relative density : No data available

 $\begin{array}{lll} \mbox{Density} & : & 2.28 \ \mbox{g/ml at 25 °C (77 °F)} \\ \mbox{Molecular mass} & : & 144.96 \ \mbox{g/mol (Labeled)} \\ \end{array}$ 

Solubility Water: 14 g/l Partition coefficient n-octanol/water (Log Pow) : 1.5 at 20 °C (68 °F) Auto-ignition temperature : No data available Decomposition temperature : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available **Explosion limits** 8.5 - 66% (V) Explosive properties No data available Oxidizing properties No data available

#### 9.2. Other information

No additional information available

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Five years after receipt if stored as stated in "Storage" section. Re-QC after 5 years.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

No additional information available

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#### 10.5. Incompatible materials

Strong oxidizing agents. Strong bases. Oxygen.

#### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO2). hydrogen iodide.

## **SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Acute toxicity (oral) : Toxic if swallowed.

Acute toxicity (dermal) : Toxic in contact with skin.

Acute toxicity (inhalation) : Fatal if inhaled.

METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)	
LD50 oral rat	76 mg/kg
LC50 Inhalation - Rat	1300 mg/m³ 4 h
ATE US (oral)	76 mg/kg body weight
ATE US (dermal)	800 mg/kg body weight
ATE US (vapors)	1.3 mg/l/4h
ATE US (dust, mist)	0.05 mg/l/4h

Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an

allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer (Dermal, Inhalation, oral).

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified
Viscosity, kinematic : No data available

Potential Adverse human health effects and

symptoms

: Nausea. Dizziness. Headache. Blurred vision. Weakness. Drowsiness. Ataxia. Confusion. Convulsions. Narcosis. Pulmonary edema. Effects may be delayed. Symptoms of systemic copper poisoning may include: capillary damage, headache, cold sweat, weak pulse, and kidney and liver damage, central nervous system excitation followed by depression, jaundice, convulsions, paralysis, and coma. Death may occur from shock or renal failure. Chronic copper poisoning is typified by hepatic cirrhosis, brain damage and demyelination, kidney defects, and copper deposition in the cornea as exemplified with humans with Wilson's disease. It has also been reported that copper poising has lead to hemolytic anemia and accelerates arteriosclerosis. Stomach - Irregularities - Based on Human Evidence. Toxic if swallowed. Toxic in contact with skin. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Symptoms/effects after inhalation : Fatal if inhaled. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.

May cause respiratory irritation.

Symptoms/effects after skin contact : Toxic in contact with skin. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Toxic if swallowed.
Chronic symptoms : Suspected carcinogen.

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### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse

effects in the environment.

#### 12.2. Persistence and degradability

METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)	
Persistence and degradability  Aerobic - exposure time: 28 d.	
Biodegradation	16 % - Not readily biodegradable. (Clsoed Bottle test)

#### 12.3. Bioaccumulative potential

METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)	
Partition coefficient n-octanol/water (Log Pow)	1.5 at 20 °C (68 °F)

#### 12.4. Mobility in soil

METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)	
Ecology - soil	Not available.

#### 12.5. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Disposal methods

Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and local

environmental control regulations.

Product/Packaging disposal recommendations : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed

professional waste disposal service to dispose of this material.

Ecology - waste materials : Dispose of as unused product.

## **SECTION 14: Transport information**

In accordance with DOT / TDG / IMDG / IATA

#### 14.1. UN number

DOT NA NO : UN2644 UN-No. (TDG) : UN2644 UN-No. (IMDG) : 2644 UN-No. (IATA) : 2644

## 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Methyl iodide
Proper Shipping Name (TDG) : METHYL IODIDE
Proper Shipping Name (IMDG) : METHYL IODIDE
Proper Shipping Name (IATA) : Methyl iodide

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## 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT) : 6.1 Hazard labels (DOT) : 6.1



**TDG** 

Transport hazard class(es) (TDG) : 6.1 Hazard labels (TDG) : 6.1



**IMDG** 

Transport hazard class(es) (IMDG) : 6.1 Hazard labels (IMDG) : 6.1



IATA

Transport hazard class(es) (IATA) : 6.1

## 14.4. Packing group

Packing group (DOT) : I
Packing group (TDG) : I
Packing group (IMDG) : I

Packing group (IATA) : Not applicable

## 14.5. Environmental hazards

Other information : No supplementary information available.

## 14.6. Special precautions for user

DOT

UN-No.(DOT) : UN2644

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DOT Special Provisions (49 CFR 172.102)

: 2 - This material is poisonous by inhalation (see 171.8 of this subchapter) in Hazard Zone B (see 173.116(a) or 173.133(a) of this subchapter), and must be described as an inhalation hazard under the provisions of this subchapter.

B9 - Bottom outlets are not authorized.

B14 - Each bulk packaging, except a tank car or a multi-unit-tank car tank, must be insulated with an insulating material so that the overall thermal conductance at 15.5 C (60 F) is no more than 1.5333 kilojoules per hour per square meter per degree Celsius (0.075 Btu per hour per square foot per degree Fahrenheit) temperature differential. Insulating materials must not promote corrosion to steel when wet.

B32 - MC 312, MC 330, MC 331, DOT 412 cargo tanks and DOT 51 portable tanks must be made of stainless steel, except that steel other than stainless steel may be used in accordance with the provisions of 173.24b(b) of this subchapter. Thickness of stainless steel for tank shell and heads for cargo tanks and portable tanks must be the greater of 6.35 mm (0.250 inch) or the thickness required for a tank with a design pressure at least equal to 1.3 times the vapor pressure of the lading at 46 C (115 F). In addition, MC 312 and DOT 412 cargo tank motor vehicles must: a. Be ASME Code (U) stamped for 100% radiography of all pressure-retaining welds; b. Have accident damage protection which conforms with 178.3458 of this subchapter; c. Have a MAWP or design pressure of at least 87 psig; and d. Have a bolted man way cover. T20 - 10 8 mm Prohibited 178.275(g)(3).

TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

TP13 - Self-contained breathing apparatus must be provided when this hazardous material is transported by sea.

TP38 - Each portable tank must be insulated with an insulating material so that the overall thermal conductance at 15.5 C (60 F) is no more than 1.5333 kilojoules per hour per square meter per degree Celsius (0.075 Btu per hour per square foot per degree Fahrenheit) temperature differential. Insulating materials may not promote corrosion to steel when wet. TP45 - Each portable tank must be made of stainless steel, except that steel other than stainless steel may be used in accordance with the provisions of 173.24b(b) of this subchapter. Thickness of stainless steel for portable tank shells and heads must be the greater of 6.35 mm (0.250 inch) or the thickness required for a portable tank with a design pressure at least equal to 1.3 times the vapor pressure of the hazardous material at 46 C (115 F).

DOT Packaging Non Bulk (49 CFR 173.xxx) : 227
DOT Packaging Bulk (49 CFR 173.xxx) : 244
DOT Quantity Limitations Passenger aircraft/rail (49 : Forbidden

CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49

CFR 175.75)

**DOT Vessel Stowage Location** 

**DOT Vessel Stowage Other** 

: Forbidden

: D - The material must be stowed "on deck only" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.

: 12 - Keep as cool as reasonably practicable,25 - Shade from radiant heat,40 - Stow "clear of living quarters"

**TDG** 

UN-No. (TDG) : UN2644

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TDG Special Provisions	: 23 - (1) A person must not import, offer for transport, handle or transport these dangerous goods	

unless

(a) they are contained in a means of containment that is marked in accordance with section 4.23, or, for UN1005, ANHYDROUS AMMONIA, in a large means of containment, in accordance with section 4.18.2: and

(b) they are accompanied by a shipping document that complies with subparagraph 3.5(1)(c)(vii). (2) This special provision does not apply to a person who transports these dangerous goods in

accordance with an exemption set out in section 1.15, 1.17, 1.17.1 or 1.24 of Part 1 (Coming Into

Force, Repeal, Interpretation, General Provisions and Special Cases).

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ERAP Index : 1000
Explosive Limit and Limited Quantity Index : 0
Excepted quantities (TDG) : E0
Passenger Carrying Ship Index : Forbidden
Passenger Carrying Road Vehicle or Passenger : Forbidden

Carrying Railway Vehicle Index

Emergency Response Guide (ERG) Number : 151

#### **IMDG**

Special provision (IMDG): 354Limited quantities (IMDG): 0Excepted quantities (IMDG): E0Packing instructions (IMDG): P602Tank instructions (IMDG): T20Tank special provisions (IMDG): TP2, TP13

EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE EmS-No. (Spillage) : S-A - SPILLAGE SCHEDULE Alfa - TOXIC SUBSTANCES

Stowage category (IMDG) : D

Stowage and handling (IMDG) : SW1, SW2, H2 Segregation (IMDG) : SGG10

Flash point (IMDG) :

Properties and observations (IMDG) : Colourless liquid.Boiling point: 42°C to 43°C. Slightly miscible with water. When heated, evolves

toxic fumes. Highly toxic if swallowed, by skin contact or by inhalation. Has strong narcotic

effects.

MFAG-No : 151

#### **IATA**

PCA Limited quantities (IATA) : Forbidden
PCA limited quantity max net quantity (IATA) : Forbidden
PCA packing instructions (IATA) : Forbidden
PCA max net quantity (IATA) : Forbidden
CAO packing instructions (IATA) : Forbidden
CAO max net quantity (IATA) : Forbidden
ERG code (IATA) : 6L

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## **SECTION 15: Regulatory information**

## 15.1. US Federal regulations

ı	METHYL IC	ODIDE-D3 + C	OPPER WIRE (	(D, 99.5%)	(74-88-4)	
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SARA Section 302 Threshold Planning Quantity (TPQ)

Not subject to reporting requirements of the United States SARA Section 302

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METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%)	74-88-4	Not present	-	

#### 15.2. International regulations

#### **CANADA**

## METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

#### **National regulations**

#### METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)

CAUTION: This material is supplied for research and development purposes subject to the R&D exemption under TSCA, 40 CFR 720.36, and must meet the requirements of the exemption, including supervision by a "technically qualified individual" as defined by 40 CFR 720.3(ee). The use of this material for "commercial purposes" as defined by 40 CFR 720.3(r) is not permitted in the United States.

## 15.3. US State regulations

METHYL IODIDE-D3 + COPPER WIRE (D, 99.5%) (74-88-4)		
U.S California - Proposition 65 - Carcinogens List	Yes	
U.S California - Proposition 65 - Developmental Toxicity	No	
U.S California - Proposition 65 - Reproductive Toxicity - Female	No	
U.S California - Proposition 65 - Reproductive Toxicity - Male	No	
State or local regulations	U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List	

## **SECTION 16: Other information**

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Other information : This product is not radioactive. The data given for this product are those of the corresponding

unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the

corresponding unlabeled compound.

Full text of H-phra	Full text of H-phrases		
H301	Toxic if swallowed		
H311	Toxic in contact with skin		

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Full text of H-phrases	
H317	May cause an allergic skin reaction
H330	Fatal if inhaled
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.