

SAFETY DATA SHEET

according to the Global Harmonized System

Iodomethane-d3

1. Identification of the substance/preparation and of the company/undertaking

Synonyms	Methylodide-d3
Use of the Substance/Preparation	Solvent for NMR spectroscopy Chemical intermediate
Company/Undertaking Identification	ARMAR AG Müligasse 7 CH-5312 Döttingen Schweiz Tel. +41 56 245 2600 admin@armar.ch
Emergency telephone number	Tox-Zentrum Zürich : 145 / +41 44 251 51 51 [24h/7d]
Revision Date	21.05.2010
Version	GHS 1

2. Hazards identification



DANGER!

Skin corrosion/irritation, Cat. 2
Specific target organ toxicity (single exposure, inhalation), Cat. 3
Acute toxicity, dermal, Cat. 3
Acute toxicity, inhal., Vapours, Cat. 3

3. Composition/information on ingredients

Components		Health hazards	CAS	REACH No.
Iodomethane-d3	> 90%	TAInV3 TADe3 SSEIn3 CSk2	865-50-9	

4. First aid measures

Inhalation	Move to fresh air. Consult a physician after significant exposure.
Skin contact	Wash off immediately with soap and plenty of water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Immediately give plenty of water (if possible charcoal slurry). Consult a physician for severe cases.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, CO ₂ , water spray or alcohol foam.
Extinguishing media which must not be used for safety reasons	High volume water jet.
Specific hazards	The product is not flammable.
Special protective equipment for firefighters	Standard procedure for chemical fires.
Specific methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental release measures

Personal precautions	Use personal protective equipment.
Environmental precautions	Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

7. Handling and storage

Handling	Wear personal protective equipment. Handle and open container with care. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided.
Storage	Store at room temperature in the original container. Keep container tightly closed in a dry and well-ventilated place. Store in a place accessible by authorized persons only.

8. Exposure controls / personal protection

Occupational exposure controls	Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing should not be allowed out of the workplace.
Personal protection equipment	
Respiratory protection	In the case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Gloves made of VITON.
Eye protection	Safety glasses with side-shields conforming to EN 166. Eye wash bottle with pure water.
Skin and body protection	Wear as appropriate: Impervious clothing.

9. Physical and chemical properties

Form	Liquid.
Colour	Colourless.
Odour	Sweet.
Physical and chemical properties	Boiling point/range: 42 °C. Density: 2.33 g/ml.

10. Stability and reactivity

Stability	No decomposition if used as directed.
Conditions to avoid	Heating in air. Heating can release hazardous gases.
Hazardous decomposition products	None under normal use.

11. Toxicological information

Local effects	Toxic by inhalation and in contact with skin. Irritating to respiratory system and skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Long term toxicity	Symptoms may be delayed.
Sensitization	None.
Further information	Use of alcoholic beverages may enhance toxic effects.

12. Ecological information

Ecotoxicity	No data available.
Persistence / degradability	Readily biodegradable.
Bioaccumulative potential	Does not bioaccumulate.

13. Disposal considerations

Waste from residues / unused products	Dispose of wastes in an approved waste disposal facility.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

ADR/RID	Proper shipping name METHYL IODIDE UN No 2644. Class 6.1. Packing group I. ADR/RID-Labels 6.1. Classification code T1. Risk No. 66. Limited quantity LQ0. Tunnel code C/E
IMO	Proper shipping name Methyl iodide UN No 2644. Class 6.1. Packing group I. ADR/RID-Labels 6.1. Limited quantity Keine. EmS F-A, S-A.
ICAO	Proper shipping name Methyl iodide UN No 2644. Class 6.1. Packing instruction (passenger aircraft): Forbidden. Packing instruction (LQ): –. Packing instruction (cargo aircraft): Forbidden.

15. Regulatory information

GHS-Classification	DANGER!
Signal Word	Toxic in contact with skin.
Hazard Statements	Causes skin irritation. Toxic if inhaled. May cause respiratory irritation.
Precautionary Statements	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash skin thoroughly after handling. Wear protective gloves/clothing. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician. If skin irritation occurs: Get medical advice/attention. Remove/Take off immediately all contaminated clothing. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to an approved waste disposal plant.
GHS product identifier	Iodomethane-d3, CAS-No. 865-50-9
EC-Symbol(s)	Xi - Irritant.
R-phrases(s)	R21: Harmful in contact with skin. R23/24: Toxic by inhalation and in contact with skin. R37/38: Irritating to respiratory system and skin. R40: Limited evidence of a carcinogenic effect.
S-phrase(s)	S36/37: Wear suitable protective clothing and gloves. S38: In case of insufficient ventilation, wear suitable respiratory equipment. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Regulatory Information	The product is classified and labelled according to Regulation (EC) No. 1272/2008 (GHS/CLP). The product is classified and labelled in accordance with Directive 1999/45/EC.

16. Other information

Recommended use	Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use.
GHS-Classification	TADe3: Acute toxicity, dermal, Cat. 3 TAlnV3: Acute toxicity, inhal., Vapours, Cat. 3 CSk2: Skin corrosion/irritation, Cat. 2 SSEIn3: Specific target organ toxicity (single exposure, inhalation), Cat. 3
Further information	Take notice of the directions of use on the label.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.