

SAFETY DATA SHEET

according to the Global Harmonized System

Dimethylamine-hydrochloride-d6

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

Use of the Substance/Preparation	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	24.03.2010
Version	GHS 1

2. Hazards identification



WARNING!

Serious eye damage/eye irritation, Cat. 2
Skin corrosion/irritation, Cat. 2
Specific target organ toxicity (single exposure, inhalation), Cat. 3

3. Composition/information on ingredients

Components		Health hazards	CAS	REACH No.
Dimethylamine-hydrochloride-d6	> 90%	CEy2 SSEIn3 CSk2	53170-19-7	

4. First aid measures

Inhalation	Move to fresh air. Consult a physician after significant exposure.
Skin contact	Wash with water and soap as a precaution.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	If conscious, drink plenty of water. Consult a physician if necessary.

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.

6. Accidental release measures

Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up	Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.

7. Handling and storage

Handling	No special technical protective measures required.
Storage	Store at room temperature in the original container.

8. Exposure controls / personal protection

Exposure limit(s)	MAK (Maximale Arbeitsplatzkonzentration): 4 mg/m ³ .
Occupational exposure controls	Avoid contact with skin, eyes and clothing.
Personal protection equipment	
Respiratory protection	Do not breathe dust or spray mist.
Hand protection	Gloves made of latex.
Eye protection	Safety glasses.

9. Physical and chemical properties

Form	Crystalline.
Colour	Colourless.
Odour	Amine-like.
Physical and chemical properties	pH: 5 (10 % solution). Water solubility: completely soluble Fat solubility: immiscible Melting point/range: 172 °C.

10. Stability and reactivity

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

11. Toxicological information

Acute toxicity	Dimethylammoniumchloride-D6 LD50/oral/rat = 1070 mg/kg.
Local effects	Irritating to eyes, respiratory system and skin. In case of skin irritations or allergic reactions see a physician. Harmful if swallowed. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Long term toxicity	Negligible.
Sensitization	None.

12. Ecological information

Ecotoxicity	No data available.
Bioaccumulative potential	Does not bioaccumulate.

13. Disposal considerations

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

Further Information	Not classified as dangerous in the meaning of transport regulations.
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15. Regulatory information

GHS-Classification	
Signal Word	WARNING!
Hazard Statements	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.
Precautionary Statements	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. 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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to an approved waste disposal plant.
GHS product identifier	Dimethylamine-hydrochloride-d6, CAS-No. 53170-19-7, EC-No. 258-409-7
EC-Symbol(s)	Xn - Harmful.
R-phrase(s)	R22: Harmful if swallowed. R36/37/38: Irritating to eyes, respiratory system and skin.
S-phrase(s)	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37: Wear suitable protective clothing and gloves.

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**GHS-Classification**

CSk2: Skin corrosion/irritation, Cat. 2
CEy2: Serious eye damage/eye 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

Die Angaben in diesem Sicherheitsdatenblatt entsprechen nach bestem Wissen unseren Erkenntnissen bei Drucklegung.