



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : D 10425  
Product Name : DIMETHYLAMMONIUM CHLORIDE

#### Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India  
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483  
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : Dimethyl amine hydrochloride  
CAS-No. : 506-59-2  
EC-No. : 208-046-5  
EC-Index-No. : -----  
M : 81.55 g/mol  
Formula ( Hill) : C<sub>2</sub>H<sub>8</sub>CIN  
Molecular formula : ----

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3. HAZARDS IDENTIFICATION : Harmful if swallowed.

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### 4. FIRST AID MEASURES

After skin contact : Wash off with plenty of water.  
Remove contaminated clothing.

After inhalation: fresh air.



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After swallowing : Make the victim drink plenty of water, induce vomiting. Call in physician.

After eye contact : Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open.

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### 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water, foam.

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. Keep workplace dry. Do not allow product to come into contact with water. The following may develop in event of fire : hydrochloric acid, nitrogen oxides.

Special protective equipment for fire fighting : Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Other information : Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

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### 6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures: Avoid substance contact. Avoid generation of dusts; do not inhale dusts.

Environmental- protection measures: Do not allow to enter sewerage system.

Procedure for cleaning/absorption : Take up dry. Forward for disposal. Clean up effected area.

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### 7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed .Dry. At+15°C to + 25°C.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment : Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled . The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection : Required when dusts are generated.

Eye protection : Required

Hand protection : Required

Industrial hygiene : Change contaminated clothing.

Wash hands after working with substance.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Crystals  
Colour : White  
Odour :  
pH value at 100 g/l H<sub>2</sub>O (20°C) : 5  
Melting temperature : 172-175° C  
Boiling temperature : Not available  
Ignition temperature : Not available  
Flash point : Not available  
Explosion limits lower : Not available



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Upper : Not available  
Density : Not available  
Bulk density : 500 kg/m<sup>3</sup>  
Solubility in water(20°C) : 3000 g/l  
Ethanol (20°C) : Soluble  
Chloroform (20°C) : Soluble

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### 10. STABILITY AND REACTIVITY

Conditions to be avoided : Heating(decomposition).

Substance to be avoided : No information available.

Hazardous decomposition products : In the event of fire : See chapter 5.

Further information : hygroscopic.

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### 11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD<sub>50</sub>(oral, rat) : 1070 mg/kg.

Further toxicological information :

After skin contact : Slight irritations.

After eye contact : Slight irritations.

Further data : Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

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### 12. ECOLOGICAL INFORMATION

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.



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Further ecologic data: No ecological problems are to be expected when the product is handled and used with due care and attention.

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### **13. DISPOSAL METHOD**

Chemicals must be disposed of in compliance with the respective national regulations. Under [www.retrologistik.de](http://www.retrologistik.de) you will find country- and substance-specific information as well as contact partners. Nice product packaging must be disposed of in compliance with the county-specific regulations or must be passed to a packaging return system. Under [www.retrologistik.de](http://www.retrologistik.de) you will find special information on the respective national conditions as well as contact partners.

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**14. TRANSPORT INFORMATION** : Entire package : Not subject to transport regulations.

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### **15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol	:	Xn	Harmful
R-phrases	:	22	Harmful if swallowed.
S-phrase	:	24/25	Avoid contact with skin and eyes.

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### 16. OTHER INFORMATION

General update.

Chapter 5: fire-fighting measures.

Chapter 4: first aid measures.

General update.

Regional representation :

This information is given on the authorised Safety Data Sheet for your country.

The information contained here in is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

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