



# SAFETY DATA SHEET

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

Catalogue No. : M 12317  
Product Name : 2-METHYL IMIDAZOLE

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 Telefax No. : 0484 2802483

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms: 2-Methylglyoxaline

CAS-No. : 693-98-1  
Molar mass : 82.11  
EC -No. : 211-765-7  
Molecular formula :  $C_4H_6N_2$

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## 3. HAZARDS IDENTIFICATION

Harmful if swallowed . Irritating to skin . Risk of serious damage to eyes .

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## 4. FIRST AID MEASURES

After skin contact : Wash off with Plenty of water. Dab with polyethylene glycol 400.Immediately remove contaminated clothing.

After inhalation : fresh air. Summon doctor.

After swallowing : Immediately make victim drink plenty of water (ifnecessary several litres).  
Summon doctor.

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

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## 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water,foam-powder.

Special risks: Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. Contain escaping vapours with water.

The following may develop in event of fire : nitrogen oxides.

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

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## 6. ACCIDENTAL RELEASE MEASURES

Person –related precautionary measures : Avoid substance contact.

Procedures 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 :

Respiratory protection : required when dusts are generated.

Eye protection : required

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.



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industrial hygiene : Immediately change contaminated clothing. Apply skin-protective barrier cream. Wash hands and face after working with substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	White
Odour	:	Characteristic
PH value	:	
At 100g/l H <sub>2</sub> O (20°C)	:	10.5-11.5
Melting temperature	:	144-147 ° C
Boiling temperature	:	270 ° C
(13mbar)	:	144-145 ° C
Ignition temperature	:	Not available
Flash point	:	155 ° C
Explosion limits lower	:	Not available
Upper	:	Not available
Vapour pressure (20° C)	:	< 1 hPa
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	550 kg/m <sup>3</sup>
Solubility in water (20°C)	:	780 g/l
Ethanol (20°C)	:	soluble

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## 10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.

Substances to be avoided : Exothermic reaction with : acids.

Hazardous decomposition products : No information available.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD<sub>50</sub> (oral ,rat) : 1500 mg/kg.

LD<sub>50</sub> (dermal,rat): > 2000 mg/kg.



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Further toxicological information :

After skin contact : Irritant and caustic effects .

After eye contact : Irritant and caustic effects.

After swallowing : Irritations of mucous membranes in the mouth, pharynx,oesophagus and gastrointestinal tract.

Systemic effects : After absorption of toxic quantities : agitation, spasms.

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## 12. ECOLOGICAL INFORMATION

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

Further ecologic data : Do not allow to enter waters,waste water, or soil !

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## 13. DISPOSAL METHOD

:There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations . We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste .

Disposal in compliance with official Regulations. Handle contaminated packaging as In the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

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## 14. TRANSPORT INFORMATION

 : No subject to transport regulations.



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## 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol	:	Xn	Harmful
R-phrases	:	23-38-41	Harmful if swallowed . Irritating to skin . Risk of serious damage to eyes.
S-phrases	:	26-39	In case of contact with eyes ,rinse immediately with plenty of water and seek medical advice . Wear eye face protection.

Water pollution class : 1 (slightly polluting substance ) (own classification)

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## 16. OTHER INFORMATION

Reason for alteration

Change in water pollution class.

General update .

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 doesnot represent a guarantee of the properties of the product.

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