



# SAFETY DATA SHEET

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

Catalogue No. : M 41571  
Product Name : METHYL RED SOLUTION

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 : 4-dimethylaminoazobenzene-2-carboxylic acid

CAS-No : 494-52-7 Ec-Index No. :  
Molar Mass : 269.31 EC-No. : 207-776-1  
Molecular Formula :  $C_{15}H_{15}N_3O_2$

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**3. HAZARDS IDENTIFICATION** : No evaluative data are available, a classification according to categories of danger as specified in Directive 67/548/EEC & laid down in the legislation of the country concerned can therefore not be made. In this context hazardous properties can therefore not be excluded.

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**4. FIRST AID MEASURES** : After skin contact : Wash off with plenty of water.  
Remove contaminated clothing.  
After eye contact : Rinse out with plenty of water.  
After inhalation : Fresh air. Consult Doctor, if feeling unwell.  
After swallowing : Make victim drink plenty of water, induce vomiting.  
Summon Doctor, if feeling unwell.

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**5. FIRE-FIGHTING MEASURES** : Suitable extinguishing media : Water, CO<sub>2</sub> foam, powder.  
Fire extinguisher : Water, carbon dioxide powder.



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Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire : Nitrous gases.

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

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### 6. ACCIDENTAL RELEASE MEASURES

Personal protection precautionary measures :

Avoid generation of dusts; do not inhale dust. Avoid substance contact.

Procedures for cleaning/absorption : Take up dry. Forward for disposal.

Clean up affected area.

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

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**7. HANDLING AND STORAGE** : Handling : No further requirements.

Storage : Tightly closed. Dry At + 5° C to + 30° C.

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### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye Protection : Required

Hand 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 : Change contaminated clothing.

Wash hands after working with substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid
Colour	:	Red-violet
Odour	:	Weak
pH value	:	Not available
Melting temperature	:	178 – 182° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not available
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Solubility in Water (20° C)	:	Slightly Soluble
Ethanol (20° C)	:	2.5 gm/l.

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**10. STABILITY & REACTIVITY** : Conditions to be avoided : Heating

Substances to be avoided : No information available

Hazardous decomposition products : In the event fire Nitrous gases.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.

Further toxicological information : We have no description of any toxic symptoms. Property which must be anticipated on the basis of structure - effect considerations : After long-term exposure to the chemical : Risk of sensitization.



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**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.

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 & 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 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** : Not subject to transport regulations.

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## 15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : -----

R-phrases : -----

S-phrases : -----

Water pollution class : 2 (polluting substances) (own classification)

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### 16. OTHER INFORMATION

Reason for alteration :

General update.

Change in water pollution class.

The information contained herein is based on the present state of our knowledge. It characterises 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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