



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : D 10509
Product Name : 4-DIMETHYLAMINO BENZALDEHYDE
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

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No : 100-10-7 Ec-Index No. : ----
Molar Mass : 149.19 EC-No. : 202-819-0
Molecular Formula : C₉H₁₁NO

3. HAZARDS INDEX

No suitable data for toxicological evaluation are available. A classification according to corresponding 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.

4. FIRST AID MEASURES

After inhalation : Fresh air.
After skin contact : Wash off with plenty of water. Remove contaminated clothing.
After eye contact : Rinse out with plenty of water with the eyelid held wide open.
After swallowing : Make victim drink plenty of water induce vomiting, summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Powder, foam.
Special risk : Combustible. Formation of hazardous combustion gases or vapours possible in event of fire.
The following may develop in event of fire : Nitrous gases



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Other information : Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

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

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

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

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry. Protected from light.

At +15° C to 25° C.

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 quality of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Immediately change contaminated clothing. Apply skin protective barrier cream. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Off-White
Odour	:	Characteristic
pH value	:	Not available
Melting temperature	:	72 – 75° C



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Boiling temperature (23hPa) : 176 - 177° C
Ignition temperature : Not available
Flash Point : Not available
Explosion limit lower : Not available
 upper : Not available
Relative vapour density : Not available
Density : Not available
Bulk density : ~380 kg/m³
Solubility in Water (20° C) : 0.3 gm/lt.
 Ethanol (20° C) : Freely soluble

10. STABILITY & REACTIVITY

Conditions to be avoided : Heating

Substances to be avoided : No information available

Hazardous decomposition products : In the event of fire : Nitrous gases.

Further information : Light-sensitive

11. TOXICOLOGICAL INFORMATION

Acute Toxicity : LDLo (oral, rat) : 500 mg/kg;

Further toxicological information : The data available to us do not suffice to permit any industrial-toxicological assessment.

Property that cannot be excluded on the basis of structure-effect considerations:

After absorption of large quantities : CNS disorders.

The following applies to aldehydes in general : Irritations after contact with eyes and skin. Mucosal irritations, coughing, and dyspnoea after inhalation.

Further data : 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 !

13. DISPOSAL METHOD

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 house-hold waste or recycled.

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION : Not subject to transport regulations.

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

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

16. OTHER INFORMATION

Reason for alteration

Change in product name.

General update.

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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