



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 13225
Product Name : Aniline sulphate

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 6283-63-2
Molar mass : 262.33
EC-No. : 228-500-6
Molecular Formula: C₁₀H₁₈N₂O₄S

3. HAZARDS IDENTIFICATION : Harmful in contact with skin and if swallowed.

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 eyelids held open. consult an eye specialist
After swallowing: Make victim drink plenty of water. induce vomiting. Summon doctor.



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5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water, foam, powder, CO₂

Special risks : combustible. Vapours heavier than air. Formation of explosible mixtures possible with air.

The following may develop in the event of fire: nitrous gases, sulphur oxides.

6. ACCIDENTAL RELEASE MEASURES

Procedures for cleaning / absorption :

Take up dry. Forward for disposal. Clean up affected area.

Person – related precautionary measures :

Avoid generation of dusts. Do not inhale dusts.

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

7. Handling and Storage

Handling : protect from light.

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

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated .

Eye protection : required



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Hand protection : required

Protective clothing should be selected for the working place depending on concentration and quantity of the hazardous substance handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Industrial hygiene : Change contaminated clothing . Application of skin protective barrier cream recommended . Wash hands after working with substance

9. PHYSICAL AND CHEMICAL PROPERTIES :

Form : solid
Colour : off- white
Odour : odourless
PH value : 20-2.2
At 50 g/l H₂O (20⁰ C)
Melting temperature : 184-187 ⁰ C
Boiling temperature : not available
Ignition temperature : not available
Flash point : not available
Explosion limits lower: not available
Upper : not available
Relative vapour density: Not available
Density (20⁰ C) : not available
Solubility in
water (20⁰ C): 500 g/l



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10. STABILITY AND REACTIVITY

Conditions to be avoided : strong heating
Substance to be avoided : strong oxidising agents.
Hazardous decomposition products : nitrous gses, sulphur oxides.
Further information: Light- sensitive,

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD₅₀ (oral, rat): 497 mg/Kg
Further toxicological information:
We have no description of any toxic symptoms.
After inhalation of dusts: Irritation symptoms in the respiratory tract.
After skin contact: Irritations. Sensitization with allergic manifestations in predisposed persons. Danger of skin absorption.
After eye contact: Irritations.
After swallowing: harmful
Systemic effects:
Risk of methaemoglobin formation also after skin contact.
The following applies to aromatic amines in general: systemic effect: methaemoglobinaemia with headache, cardiac dysrhythmia, drop in blood pressure, dyspnoea, and spasms, principal symptoms: cyanosis (blue discoloration of blood)

Further data: The product should be handled with the care usual when dealing with chemicals.



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12. ECOLOGICAL INFORMATION

Ecotoxic effects: biologic effects

Quantitative data on the ecological effect of this product are not available. A harmful effect on the aquatic organisms cannot be excluded in the event of improper handling or disposal.

Further ecologic data:

Do not allow to enter waters, waste waters, or soil !.

13. DISPOSAL METHOD

Product : 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 .

Packaging : 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

14. **TRANSPORT INFORMATION:** not subject to transport regulations.



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15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xn Harmful

R- Phrases : 21/22 Harmful in contact with skin and if swallowed.

S-phrases : 36/37 wear suitable protective clothing and gloves.

Water pollution class : 3 (highly polluting substance)

16. OTHER INFORMATION

Reason for alteration

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.
