



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 13329
Product Name : **AMMONIUM 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 : 7783-20-2
Molecular Formula : $H_8N_2O_4S$
EC-No. : 231-984-1

3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required.

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 with eyelids held open. Summon doctor.



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After swallowing: Make victim drink plenty of water, Induce vomiting.
Immediately summon doctor.

After inhalation: fresh air. Consult doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : In adaption to the materials stored in the neighbourhood.

Special risks : Non combustible. Ambient fire may liberate vapours.

The following may develop in event of fire. : sulphur oxides, ammonia.

Other information: Prevent fire fighting water from entering surface water or ground water.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

person related precautionary measures.

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

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry at room temperature

(+ 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

Hand protection : required

Industrial hygiene : Change contaminated clothing . Wash hands after working with substance .

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : solid
Colour : white
Odour : odourless
PH value(20⁰ C) : near 5-6
Melting temperature : 280⁰ 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) : 1.77 g/cm³
Solubility in
water (20⁰C) : 754 g/l
ethanol : insoluble.
Acetone : insoluble



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10. STABILITY AND REACTIVITY

Conditions to be avoided : no information available.

Substance to be avoided : with alkali metals, chlorates, nitrites.

Hazardous decomposition products : Ammonia.

11. TOXICOLOGICAL INFORMATION

Further toxicological information:

Skin irritation test (rabbit): No irritation.

Eye irritation test (rabbit): No irritation.

Systemic effects:

After skin contact: slight irritations

After eye contact: severe irritations

After swallowing: nausea, vomiting, diarrhoea, drop in blood pressure, collapse, CNS disorders. In high concentrations:

After eye contact: Irritations.

LD₅₀ (oral, rat): 2840 mg/kg.

12. ECOLOGICAL INFORMATION

Ecotoxic effects:

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

The following applies to sulphate in general: biological effects: fish toxic as from 7 mg/l; bacteria toxic as from 2.5 mg/l.

The following applies to ammonium ions in general: biological effects: toxic as from 0.3 mg/l; nourishment for fish : toxic as from 0.3 mg/l.



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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.

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

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol :

R- Phrases :

S-phrases :

Water pollution class : 1 (slightly polluting substance)



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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.
