



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 13129
Product Name : Ammonium oxalate.

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

Synonyms : oxalic acid – ammonium salt.
CAS-No : 6009-70-7
EC- Index No : 607-007-00-3
EC-No. : 214-202-3

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

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.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : water, foam, powder, CO₂.
Special risks : combustible. Formation of hazardous combustion gases or vapours possible in event of fire. Danger of dust explosion. The following may develop in event of fire. : carbon monoxide, ammonia, nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

Person related precautionary measures.

Avoid generation of dusts; do not inhale dusts.
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 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 6.3
Melting temperature : 70⁰ 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) : ~1.30 g/cm³
Solubility in
water (20⁰ C) : near 45 g/l
water (20⁰ C) : 118 g/l
ethanol : sparingly soluble
ether : insoluble



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10. STABILITY AND REACTIVITY

Conditions to be avoided : strong heating

Substance to be avoided : no information available .

Hazardous decomposition products : Ammonia, carbon dioxide, carbon monoxide.

Further information : Explosible with air in a vaporous/ gaseous state when heated.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

No special data.

Further toxicological information:

After skin contact: irritations

After eye contact: irritations

After absorption: nausea, vomiting, agitation, spasms, cardiovascular failure, collapse. Damage to kidneys.

The following applies to oxalates in general.:

Nausea and vomiting after swallowing.

Mucosal irritations, coughing, and dyspnoea, after inhalation.

Systemic effects: drop in blood calcium level, toxic effect on kidneys, cardiovascular disorders.

12. ECOLOGICAL INFORMATION

Ecotoxic effects:

biologic effects:

Toxic for aquatic organisms. Fish EC₀: 2 mg/l; plankton EC₀: 20 mg/l;



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Further ecologic data:

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.

Depending on the concentration , phosphorous and / or nitrogen compounds may contribute to the eutrophication of drinking water.

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

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



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14. TRANSPORT INFORMATION

Transport over land ADR/RID and GGVS/GGVE :

GVS/GGVE class : 6.1 Number and letter: 25 c

ADR/RID class : 6.1 Number and letter: 25c

Name of material : AMMONIUM OXALATE

River transport AND/ADNR: Not examined

Sea transport IMDG :

IMDG class:6.1 UN –No.:2811 Packaging group: III

Sea transport IMDG :

IMDG class:6.1 UN –No.:2811 Packaging group: III

Ems : 6.1-04 MFAG:4.2

Correct technical name: AMMONIUM OXALATE

Air transport

ICAO-TI and IATA-DGR:

ICAO/IATA class: 6.1 UN/ID-No.: 2811 Packaging group: III

Correct technical name: AMMONIUM OXALATE

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xi Harmful

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

S-phrases : 24/25 Avoid contact with skin and eyes.

Water pollution class : 1 (slightly polluting substance)



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16. OTHER INFORMATION

Reason for alteration

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.
