



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 15617
Product Name : Ammonium ceric nitrate

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 : 16774-21-3
EC-No. : 240-827-6

3. HAZARDS IDENTIFICATION

Contact with combustible materials may cause fire.
Risk of serious damage to eyes.

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.

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

After inhalation: fresh air. Consult doctor



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Catalogue No. : A 15617
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5. FIRE – FIGHTING MEASURES

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

Special risks : has fire promoting effect due to release of oxygen.

Other information: Non combustible.

6. ACCIDENTAL RELEASE MEASURES

person related precautionary measures.

Avoid inhalation of dusts.

Procedure for cleaning / absorption:

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

Environmental protection measures:

Do not allow to enter sewage system.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry . Away from combustible materials.

Keep away from sources of ignition and heat.

At (+ 15 °C to + 25 °C)

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated .

Eye protection : required



SAFETY DATA SHEET

Catalogue No. : A 15617
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Hand protection : required
Industrial hygiene : Change contaminated clothing . Wash hands
after working with substance

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : solid
Colour : orange
Odour : slightly pungent
PH value(20⁰ C) : 1
Melting temperature : near 108⁰ 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 (20⁰C) : 1410 g/l
water (25⁰C) : 59.5 g/100ml.
Ethanol : soluble
Diluted acids : soluble.

10. STABILITY AND REACTIVITY

Conditions to be avoided : not known to date
Substance to be avoided : combustible materials.
Hazardous decomposition products : not known to date.
Further information : fire- promoting substance.



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11. TOXICOLOGICAL INFORMATION

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

Further toxicological information:

Property which must be anticipated on the basis of the chemical/physical data:

After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastro intestinal tract.

After inhalation of dusts: mucosal irritations, coughing and dyspnoea.

After skin contact: irritant effect.

After eye contact: strong irritant effect.

12. ECOLOGICAL INFORMATION

Behaviour in environmental compartments:

No bio accumulative.

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

Toxic for aquatic organisms. Harmful effect due to pH shift.

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 .



SAFETY DATA SHEET

Catalogue No. : A 15617
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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

Transport over land ADR/RID and GGVS/GGVE :

GVS/GGVE class : 5.1 Number and letter: 22b

ADR/RID class : 5.1 Number and letter: 22b

Name of material : AMMONIUM CERIC NITRATE

River transport AND/ADNR: Not examined

Sea transport IMDG :

IMDG class : 5.1 UN –No.:1477 Packaging group: II

Ems : 5.1-05 MFAG:235

Correct technical name: AMMONIUM CERIC NITRATE

Air transport

ICAO-TI and IATA-DGR:

ICAO/IATA class: 5.1 UN/ID-No.: 1477 Packaging group: II

Correct technical name: AMMONIUM CERIC NITRATE



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15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol	:	O	Oxidising
		Xi	Irritant
R- Phrases	:	8-41	Contact with combustible material may cause fire Risk of serious damage to eyes .
S-phrases	:	17-26-39	Keep away from combustible material. In csase of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/ face protection.
Water pollution class	:	1	(slightly polluting substance)

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.
