



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 14329
Product Name : Ammonium ferric citrate

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 : 1185-57-5
EC-No. : 214-686-6

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.

5. FIRE – FIGHTING MEASURES

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

Special risks : Non- combustible. Development of hazardous
combustion gases or vapours possible in the event of fire. The
following may develop in event of fire: nitrous gases, carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Procedure 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.



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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 : dark brown

Odour : odourless

PH value(20⁰ C) : near 6.8

Melting temperature: not available

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): near 1200 g/l

ethanol : insoluble



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10. STABILITY AND REACTIVITY

Conditions to be avoided : no information available

Substance to be avoided : no information available.

Hazardous decomposition products : no information available.

Further information: light sensitive, hygroscopic.

11. TOXICOLOGICAL INFORMATION

The data available to us do not suffice to permit any industrial toxicological assessment. The following applies to soluble iron compounds: nausea and vomiting after swallowing. The absorption on large quantities is followed by cardiovascular disorders.

Toxic effect on liver and kidneys.LD₅₀ 9 mouse): 44 mg/kg .

12. ECOLOGICAL INFORMATION

The following applies to iron compounds in general:

Fish toxic as from 0.9 mg/l at pH 6.5-7.5.lethal as from 1mg/l at pH 5.5-6.7.

50 mg/l iron upper limit for fish life. When iron ions flocculate in an alkaline medium mechanical damage occurs in aquatic organisms.

13. DISPOSAL METHOD

Product : There are no uniform EC regulations for The disposal of chemicals or residues. Chemical residues generally count as special waste.



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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.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol :

R- Phrases :

S-phrases :

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.
