



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : F 13625  
Product Name : **FERRIC PHOSPHATE**

### *Manufacturer / supplier identification*

Company : NICE CHEMICALS PVT.LTD. , Cochin , India  
Tel - 0484 2800212 , 2802755

Contact for Information : Tel . No. – 0484 2802536 Fax : 0484 2802483

Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 10045-86-0 EC –No. 233-149-7  
Molar mass : 150.83 g/mol  
Molecular formula : FePO<sub>4</sub>

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## 3. HAZARDS IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

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## 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.

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

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## 5. FIRE – FIGHTING MEASURES

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

Special risks: Non-combustible. The following may develop in event of fire: Phosphorus oxides.

Other information : Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or ground water.

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## 6. ACCIDENTAL RELEASE MEASURES

Procedures for cleaning/absorption : Take up dry. Forward for disposal. Clean up affected area.

Environmental-protection measures : Do not allow to enter sewerage system.

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## 7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry. Storage temperature : No restrictions.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

*Personal protective equipment :*

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

Respiratory protection : required when dust are generated.

Eye protection : required

Hand protection : use recommended

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : solid  
Colour : Yellow – brown  
Odour : odourless  
PH value at 50 g/l H<sub>2</sub>O (20<sup>0</sup>C): Not available  
Melting temperature : Not available  
Boiling temperature : Not available  
Ignition temperature : Not available  
Flash point : Not available  
Explosion limits Lower : Not available  
Upper : Not available  
Density (20<sup>0</sup>C) : 2.87 g/ cm<sup>3</sup>  
Bulk density : ~ 900 Kg/m<sup>3</sup>  
Solubility in water(20<sup>0</sup>C) : slightly soluble  
Inorganic acids : soluble  
Particle size : ~ 0.8 - 2.0 mm

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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.

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## 11. TOXICOLOGICAL INFORMATION:

Acute toxicity : Quantitative data on the toxicity of this product are not available.  
Further toxicological information : Hazardous properties cannot be excluded but are relatively improbable due to the compounds poor water solubility.  
Further data : The product should be handled with the care usual when dealing with chemicals.

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## 12. ECOLOGICAL INFORMATION

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

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

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## 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 that you corresponding laws and regulations. We recommend 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 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** : No subject to transport regulations.

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## 15. REGULATORY INFORMATION

### *Labelling according to EC Directives*

Symbol: -----  
R-phrases: -----  
S-phrases: -----

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### 16. OTHER INFORMATION

General update.

*The information contained here in is based on the present state of our knowledge.*

*It characterizes the product with regard to the appropriate safety precautions.*

*It does not represent a guarantee of the properties of the product.*

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