



# SAFETY DATA SHEET

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

Catalogue No.: F 11729

Product Name: **FERRIC OXIDE RED (IRON OXIDE RED)**

### *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 : 1309-37-1 EC –No. 215-168-2

Molar mass : 159.69 g/mol

Molecular formula : Fe<sub>2</sub>O<sub>3</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 water.

After eye contact : Rinse out with water.

After swallowing (large amounts) : Consult doctor if feeling unwell.

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## 5. FIRE – FIGHTING MEASURES

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

Special risks : Non-combustible.

Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

Person related precautionary measures: Avoid inhalation of dusts; do not inhale dusts.

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

Clean up affected area. Avoid generation of dusts.

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## 7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed and 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 : reddish- brown  
Odour : odourless  
PH value at 40 g/l H<sub>2</sub>O (20<sup>0</sup>C) : ~ 5 (slurry)  
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 : 5.2 g/ cm<sup>3</sup>  
Bulk density : ~ 700 Kg/m<sup>3</sup>  
Solubility in water(20<sup>0</sup>C) : insoluble  
Hydrochloric acid : soluble  
Sulphuric acid : soluble

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## 10. STABILITY AND REACTIVITY

*Conditions to be avoided* : No information available.  
*Substance to be avoided* : Aluminium (risk of explosion!), carbides (heat)  
ethylene oxide, (polymerization ), carbon monoxide, magnesium, Hydrogen sulphide,  
Hydrogen peroxide (decomposition)  
*Hazardous decomposition products* : No information available.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.  
Further toxicological information :  
After swallowing : slow absorption



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Apter uptake of large quantities : CNS disorders, shock

Other notes : Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

Further data : No toxic effects are to be expected when the product is handled appropriately.

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### **12. ECOLOGICAL INFORMATION:**

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

If the product does not react to form water-soluble compounds, then due to the poor solubility – no ecological problems are to be expected.

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

Reason for alteration : chapter 12 : ecological information.

*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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