



# SAFETY DATA SHEET

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

Catalogue No. : F 20179  
Product Name : FEHLING'S SOLUTION NO.1

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 Tele fax No. : 0484 2802483

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No : 7758-98-7                      Ec-Index No. : ----  
Molar Mass : ----                      EC-No. : 231-847-6

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**3. HAZARDS IDENTIFICATION** : According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC & laid down in the legislation of the country concerned is not required.

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**4. FIRST AID MEASURES** :After inhalation : Fresh air.  
After skin contact : Wash off with plenty of water.  
After eye contact : Rinse out with plenty of water with the eyelid held wide open.  
After swallowing : Make victim drink plenty of water, induce vomiting.  
Summon doctor if feeling unwell.

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**5. FIRE-FIGHTING MEASURES** : Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.



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Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire : Sulphur Oxides

Other information : Non-combustible.

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## 6. ACCIDENTAL RELEASE MEASURES

Environmental-protection measures :

Do not allow to enter sewerage system.

Procedures for cleaning/absorption : Take up with liquid-absorbent material (e.g.Chemisorb ). Forward for disposal.  
Clean up affected area.

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## 7. HANDLING AND STORAGE

Handling : Cannot be stored indefinitely.

Storage : At +15° C to +25° C. Tightly closed. In a well-ventilated place.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection : Required when vapours/ aerosols are generated.

Eye Protection : Required

Hand Protection : Required

Industrial hygiene : Change contaminated clothing.

Wash hands after working with substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Colour : Blue

Odour : Odourless

pH value at gm/lt. H<sub>2</sub>O (20°C) : ~4.2





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**13. DISPOSAL METHOD** : 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.

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** : Not subject to transport regulations.

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### **15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

Water pollution class : 1 (slightly polluting substance) (own classification)

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### 16. OTHER INFORMATION

Reason for alteration

Specific control parameter

Change in the chapter on toxicology

Change in the chapter on ecology.

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.

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# SAFETY DATA SHEET

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

Catalogue No. : F 20279  
Product Name : FEHLING'S SOLUTION No.2

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

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Aqueous solution

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**3. HAZARDS INDEX** : No evaluative data are available. A classification according to categories of danger as specified in 67/548/EEC and laid down in the legislation of the country concerned can therefore not be made.

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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 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.

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# SAFETY DATA SHEET

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**Catalogue No.** : F 20279  
**Product Name** : FEHLING'S SOLUTION No.2

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## 6. ACCIDENTAL RELEASE MEASURES

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

Clean up affected area.

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

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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

Respiratory protection : required when dusts are generated.

Eye Protection : required

Hand Protection :not required

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.

Industrial hygiene: Wash hands after working with substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: solid
Colour	: colourless to white
Odour	: odourless
pH value at 50g/l H <sub>2</sub> O (20° C)	: 7.0-8.5
Melting temperature	: 70-80° C
Boiling temperature	: Not available
Ignition temperature	: Not available
Flash Point	: Not available
Explosion limit lower	: Not available



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upper : Not available  
Relative vapour density : Not available  
Density : Not available  
Bulk density : 1000 kg/m<sup>3</sup>  
Solubility in Water (20° C) : 630 gm/l

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## 10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available  
Substances to be avoided : No information available

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 : Only very slightly  
absorbable via the gastrointestinal tract.  
After uptake of large quantities:diarrhoea.

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## 12. ECOLOGICAL INFORMATION

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

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.

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** : Not subject to transport regulations.

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## 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : -----

R-phrases : -----

S-phrases : -----

Water pollution class : 1 (slightly polluting substance)  
(own classification)

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**Catalogue No.** : F 20279  
**Product Name** : FEHLING'S SOLUTION No.2

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### 16. OTHER INFORMATION

Reason for alteration

Addition of water pollution class.

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.

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