



LABORATORY CHEMICALS AND CONSUMABLES
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MATERIAL SAFETY DATA SHEET

FEHLINGS SOLUTION A

1. Chemical Product and Company information.

Product name: Fehling's Solution A (Copper Sulphate)

Contact Information:

Radchem cc
PO Box 166982
Brackendowns
Alberton 1454
Telephone : **011 867 3726 / 2864**

2. Hazard Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapours, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

3. Composition / information on ingredients

CAS #: Water, Deionised ASTM Type II - CAS# 7732-18-5
Cupric Sulphate - CAS# 7758-99-8

Chemical Name: Fehlings Solution A

Chemical Formula: Not available

4. First Aid Measures

Eye Contact: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

Skin Contact: Not available

Serious Skin Contact: Not available

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

Serious Inhalation: Not available

Ingestion: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Serious Ingestion: Not available.



5. Fire-fighting measures

Flammability of the Product: Not Flammable

Fire Hazards in Presence of Various Substances: None Known. Dike area to prevent runoff.

Explosion Hazards in Presence of Various Substances: Not available

Fire Fighting Media and Instructions: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: None Known. Dike area to prevent runoff.

6. Accidental release measures

Small Spill: Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Large Spill:

7. Handling and storage

Precautions: Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

Storage: Store in a cool dry place.

8. Exposure controls/personal protection

Engineering Controls: Not available

Personal Protection: Splash Goggles, Gloves to prevent skin exposure as latex or vinyl, Wear appropriate clothing to prevent skin exposure.

Personal Protection in Case of a Large Spill: Not available

9. Physical and chemical properties

Physical state and appearance: Clear Liquid

Odour: Odourless

Taste: Not available

Colour: Dark Blue

Boiling Point: Not available

Melting Point: Not available

Critical Temperature: Not available

Odour Threshold: Not available

Ionicity (in Water): Not available.

Dispersion Properties: Not available

Solubility: Soluble in water

Specific Gravity: Not available

Vapour Density: Not available

Volatility: Not available

10. Stability and reactivity

Stability: The product is stable.

Instability Temperature: Not available.



Conditions of Instability: Avoid contact with incompatible materials

Incompatibility with various substances: Oxidizing materials, Reducing agents, Magnesium

Corrosivity: Not available

Special Remarks on Reactivity: Not available

Special Remarks on Corrosivity: Not available

Polymerization: Will not occur.

11. Toxicological information

Routes of Entry: Not available

Toxicity to Animals: Not available

Chronic Effects on Humans: Not available

Other Toxic Effects on Humans: Not available

Special Remarks on Toxicity to Animals: Not available

Special Remarks on Chronic Effects on Humans: Not available

Special Remarks on other Toxic Effects on Humans: Not available

12. Ecological information

Ecotoxicity: Not available

BOD5 and COD: Not available

Products of Biodegradation: Not available

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available.

13. Disposal considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

DOT Classification: Not a DOT controlled material

Identification: : Not available

Special Provisions for Transport: Not available

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