



Procolour Craft Dyes
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MATERIAL SAFETY DATA SHEET

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Product Name: PROCOLOUR LIQUID STEAMFIX DYE

Use: For the dyeing of protein, cellulose and nylon fibres

Chemical Composition:

1.5 - 8% dyestuff (of 'Acid' or 'Fibre Reactive' types)
0 - 3% ethanol
5 - 8% urea
0 - 3% diethylene glycol
1% detergent
0.2% acetic acid
Balance to 100% water

Dangerous Goods Class: N/A

Hazchem Code: N/A

U.N. Number: N/A

Subsidiary Risk: N/A

Poisons Schedule: N/A

Physical Description/Properties:

Appearance: Coloured liquid
Odour: Slight
Density @ 20°C: 1.01
Boiling Point: 100°C
Melting Point: N/A
pH: 4 – 7

Fire and Explosion Data:

Flash point: >55°C due to ethanol
Extinguishing media suitable: all
Special fire fighting procedures: none
Unusual fire or explosion hazard: none
Hazardous products of combustion:
Carbon oxides, hydrogen chloride, nitrogen oxides, sulphur oxides.

Health Hazard Data:

Exposure Standards: None assigned

Environmental controls: Use in a well-ventilated area.

Internal ingestion: Keep away from small children. In case of accidental ingestion, thoroughly rinse the mouth with water. Give fresh water or milk to drink. Induce vomiting with fingers in the throat or Ipecac syrup. Seek medical assistance.

Eyes: Avoid contact. In case of accidental occurrence, flush with plenty of water. Seek medical advice.

Skin: Avoid excessive contact, wear impervious gloves and clothing if necessary.

Respiratory: Avoid generating and inhaling vapours caused by heating the dyes, especially on a regular long term basis. If vapours are unavoidable, then use an approved breathing apparatus.

Toxicity tests: DL50 >5000 mg/kg (rat, oral, estimated).

Advice to Doctor: Treat symptomatically.

Storage, Transport and Disposal:

Storage: Not regulated. Store in robust, sealable, labelled containers away from young children and foodstuffs.

Transport: RID/ADR, ICAO/ IATA-DGR, GGVSee/IMG-Code, not regulated or classified.

Spills: Soak up with absorbents and put in sealable plastic bags or containers for disposal, according to local landfill regulations.

Disposal: Avoid excessive disposal in drains or rivers. Seek local regulatory advice.