

SAFETY DATA SHEET

DYPROFIX

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Revision No 1.0

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: DYPROFIX

Product code: CF1

Uses: FOR USE WITH TEXTILE DYES; FINISHING AND IMPREGNATING PRODUCTS; INCLUDING BLEACHES AND OTHER PROCESSING AIDS. FOR PROFESSIONAL USE.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: 20 - 40ml per 500g dyed fabric

1.3. Details of the supplier of the safety data sheet

Company name: PROFESSIONAL FABRIC DYES LIMITED

1 Murrells Walk

Great Bookham

Surrey

KT23 3LP

UK

Tel: +44 (0) 1372 456861

Email: bob@professionalfabricdyes.co.uk

1.4. Emergency telephone number

Emergency tel: +44 1226 731751

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Hazardous to the aquatic environment - Chronic Hazard; Category 3: H412

Most important adverse effects: Harmful to aquatic life with long-lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H412: Harmful to aquatic life with long-lasting effects.

Signal words: N/A

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Hazard pictograms: N/A

Precautionary statements: N/A

2.3. Other hazards

No additional information available.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

Guanidine, cyano-polymer with N-(2-aminoethyl)-1,2ethanediamine

EINECS	CAS	PBT / WEL	CLP Classification	Percent
	50862-68-5	-	Accute Tox. 4 (Oral), H302	12-25%

	50862-68-5	-	Aquatic Chronic 2, H411	12-25%
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Non-classified ingredients:

EINECS	CAS	CHIP Classification	CLP Classification	Percent
		-	-	

Section 4: First aid measures

4.1. Description of first aid measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Skin contact: Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs get medical advice/attention.

Eye contact: Rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do so. Continue rinsing.

Ingestion: Do NOT induce vomiting. If you feel unwell, seek medical advice.

Inhalation: Remove casualty to fresh air and keep comfortable for breathing. Call poison centre or doctor if they feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Under normal conditions of use, no adverse effects to health have been observed. May cause skin irritation.

Eye contact: Direct contact with the eyes is likely to be irritating.

Ingestion: Under normal conditions of use, no adverse effects to health have been observed.

Inhalation: Under normal conditions of use, no adverse effects to health have been observed. May cause respiratory irritation.

[cont...]

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4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Do not use waterjet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In case of fire and/or explosion do not breathe fumes. Decomposition products may be a hazard to health. Hazardous vapours may be released.

5.3. Advice for fire-fighters

Advice for fire-fighters: Evacuate area. Eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Ensure adequate ventilation. Eliminate every possible source of ignition. Evacuate area.

Personal precautions: Refer to section 8 of SDS for personal protection details.

Emergency procedures: Evacuate unnecessary personnel. Ventilate area.

6.2. Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Take up liquid spill into dry absorbent material e.g.: dry sand/earth/vermiculite. Sweep or shovel spills into appropriate container for disposal.

6.4. Reference to other sections

Reference to other sections: For further information refer to section 8: "Exposure controls/personal protection".

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Additional hazards when processed: Ensure adequate ventilation. In case of inadequate ventilation wear respiratory protection. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed in a cool, well-ventilated place.

Incompatible products: Strong acids. Strong bases.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

[cont...]

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8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-		---

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: N/A

Respiratory protection: Respiratory protective device with a particle filter (Filter type P1, P2, P3)

Hand protection: Chemical resistant gloves. Butyl, nitrile, rubber, Latex, PVC, Neoprene gloves

Eye protection: Chemical goggles or safety glasses. Refer to manufacturer's information,

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Characteristic odour

Flammability: Non-flammable

pH: 7 - 8

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

[cont...]

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10.6. Hazardous decomposition products

Haz. decomp. products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
Not classified				

Hazardous ingredients:

Not classified				
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Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Not classified pH: 7 - 8
Respiratory/skin sensitisation	DRM	Not classified pH: 7 - 8

Symptoms / routes of exposure

Skin contact: Based on available data, the classification criteria are not met.

Eye contact: Based on available data, the classification criteria are not met.

Ingestion: Based on available data, the classification criteria are not met.

Inhalation: Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Harmful to aquatic life with long lasting effects

12.2. Persistence and degradability

Persistence and degradability: Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential: Not established.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: No additional information available.

[cont...]

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12.6. Other adverse effects

Other adverse effects: Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose packaging in a safe manner in accordance with local/national regulations.
Avoid release to the environment.

Section 14: Transport information

Transport class: Not regulated.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: No chemical safety assessment has been carried out.

Section 16: Other information

Other information

Other information: Full text of H- and EUH-statements:
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2
H302 Harmful if swallowed.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.