

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 1/4

Issue date: 22.8.2006

Product: **PROCION MX DYES**

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY NAME

Product Trade Name **PROCION MX DYES**

Company

Please note: This is the MSDS provided by the supplier of these goods to FIBRECRAFTS.

Phone Number
Fax Number

FIBRECRAFTS does not have the qualifications necessary to gather such specialised data. Tel: 01483 565800

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description : Preparations containing dichlorotriazinyl reactive dyes (36 colours from yellow to black)
Hazardous Ingredient(s) : Contains no Hazardous Ingredients (91/155/EEC)
CAS No. : -
% (w/w) : -
Symbol : -
R Phrases : -

3. HAZARDS IDENTIFICATION

This health hazard assessment is based on a consideration of the composition of this product. May cause eye irritation. Reactive dyes, of which this is one type, have been associated with respiratory sensitisation.

4. FIRST AID MEASURES

Inhalation : Remove patient from exposure, Obtain medical attention if ill effects occur.
Skin contact : Remove contaminated clothing. Wash skin with water. If symptoms develop, obtain medical attention.
Eye contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
Ingestion : Wash out mouth with water and give 200-300ml (half a pint) of water to drink. Do not induce vomiting. Obtain medical attention if ill effects occur.

Further Medical Treatment

Reactive dyes, of which these products are a type, are reactive chemicals and cases of respiratory allergy have occurred among persons who handle them. Generation and breathing of dust, aerosol mist or droplets during handling should be prevented.

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 2/4

Issue date: 22.8.2006

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If an individual develops symptoms similar to hay fever or asthma, this person should seek a medical opinion. Any such cases which are suspected to involve this product should be reported to the supplier at the address given on this data sheet.

People who have become sensitised to any substance or those with chronic chest disease should not handle this product.

At the date of issue of this data sheet no cases of respiratory allergy attributable to this product are known to the supplier.

5. FIRE FIGHTING MEASURES

- Special Hazards : The material may form flammable dust clouds in air. If involved in a fire, it may emit noxious and toxic fumes.
- Extinguishing Media : Water spray, foam, dry powder or CO₂.
- Protective Equipment : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear suitable protective clothing and gloves.
- Environmental precautions : Comply with local regulations for container disposal. Notify authorities if product enters sewers or public waters.
- After spillage/leakage : Sweep or shovel spills into appropriate container for disposal.

7. HANDLING & STORAGE

- Safe handling advice : Control dust formation. Avoid contact with skin and eyes. Do not breathe dust. Take precautionary measures against static discharges.
- Storage : Keep container tightly closed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Exposure standards : No Occupational Exposure Limit Assigned.
- Technical measures : Where suitable engineering controls are not fitted or are inadequate, wear suitable protective equipment.
- Personal Protection : Respiratory protection : Yes
: Eye protection: Yes
: Hand Protection : Yes

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 3/4

Issue date: 22.8.2006

Product: PROCION MX DYES

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	: De-dusted powders	
Colour	: Described by the name of the 36 individual products	
	Examples:	Colour
	Procion Golden Yellow MX-3R	Golden Yellow
	Procion Jade Green MX-2G	Jade Green
	Procion Royal Blue MX-R	Royal Blue
	Procion Magenta Red MX-8B	Magenta Red
Odour	: Odourless	
pH (Value)	: 6.5 approx. at 10 g/l	
Boiling Point (°C)	: Not applicable	
Melting Point (°C)	: No data	
Flash Point (°C)	: Not applicable	
Flammable Limits	: Not applicable	
Auto Ignition Temperature (°C)	: No data	
Explosive Properties	: None known	
Oxidising Properties	: None known	
Vapour Pressure (mm Hg)	: Not applicable	
Density (g/ml)	: No data	
Solubility (water)	: Soluble	
Solubility (other)	: No data	
Partition Coefficient	: No data	

10. STABILITY AND REACTIVITY

Conditions to avoid	: Heat
Substances to avoid	: Moisture
Hazardous Reactions	: Non known.

11. TOXICOLOGICAL INFORMATION

Inhalation	: Reactive dyes, of which these are a type, have been associated with respiratory sensitisation.
Skin Contact	: Unlikely to cause skin irritation.
Eye Contact	: May cause eye irritation.
Ingestion	: Unlikely to be hazardous if swallowed.
Long term exposure	: No adverse effect in man reported.

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12. ECOLOGICAL INFORMATION

This environment hazard assessment is based on information available on the components of the formulation.

Environmental Fate and Distribution : Soluble in water.

Persistence and Degradation : Colour removal (activated sludge test) <10%
COD approx. 0.7g O₂/g
BOD (5 days) approx. 0.2/g

Toxicity : LC₅₀ (rainbow trout)(96 hours) >100 mg/l
Low toxicity to fish.
WGK 1 (self classification)

Effect on Effluent Treatment : Tests show that the inhibition of aerobic or anaerobic waste water bacteria is unlikely.

13. DISPOSAL CONSIDERATIONS:

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport.

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use.

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any guarantee with regard to the product's properties.