

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

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Issue date: 23.9.2006

Product: RANGE OF ILL. ACID DYES ILLUMINATING ACID DYES

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY NAME

Product Trade Name ILL. ACID DYES

Company

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

Phone Number

FIBRECRAFTS does not have the qualifications necessary to gather such specialised data.

Fax Number

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description : Preparations containing azo, anthraquinone and methine acid dyes.

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.

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.

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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 breath 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
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9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|--------------------------------|--------------------------------|---------------------|
| Form. | : De-dusted powders | |
| Colour | : Described by the name of the | individual products |
| | Examples: | Colour |
| | Lemon Yellow 4GN | Lemon Yellow |
| | Scarlet BR | Scarlet |
| | Violet 2B | Violet |
| | Deep Navy 2R | Deep Navy |
| | Intense Black 2B | Intense Black |
| Odour | : Odourless | |
| pH (Value) | : 6.5 approx. at 1g/l at 20°C | |
| 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 | : Avoid inhalation, wear dust mask (EN149) |
| 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. O₂/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.