

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 1/5

Issue date: 23.9.2006

Product: DYSPERSE DYES

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY NAME

Product Trade Name **DYSPERSE 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**
Fax Number **gather such specialised data.**

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description : Preparations containing anthraquinone based
 dysperse dyes (23 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

Hazard warning not required.

4. FIRST AID MEASURES

General information : Take off immediately all contaminated clothing.

After inhalation : Upon inhalation of aerosol/vapour/dust. Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required

After contact with skin: Cleansing with plenty of water, soap or other non-irritating cleansing agents.

After contact with eyes: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids open. Eventually a doctor (or eye specialist) should be consulted.

After ingestion: If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

Issue date: 23.9.2006

Product: DYSPERSE DYES

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: water mist, foam, dry powder, CO₂

Special protective equipment for firefighting: Fireman have to wear self-contained breathing apparatus.

Further information: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid formation and deposition of dust.

Environmental precautions: Do not empty into drains or waters.

Methods for cleaning up/taking up: Take up spilled product with dust-binding material or suitable vacuum cleaner. Fill into labelled, sealable containers.

Additional information: For further disposal measures see chapter 13.

7. HANDLING & STORAGE

Advice on safe handling: Avoid formation and deposition of dust.
Keep container tightly closed and dry.

Advice on protection against fire and explosion: Observe the usual precautionary measures required for chemicals with dust-explosive properties. Observe national regulations.

Requirements for storage rooms and vessels: Stores in original container in a cool,, dry place. In filling operations take precautionary measures against static discharges.

Storage stability

Storage period: 60 months.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ingredients with occupational exposure limits to be monitored
contains: **solid dyestuff preparation, capable or forming dust**

Exposure limits: LTEL (8 hour TWA): 10 mg/m³ EH40, 2000: for Total Inhalable Dust)

LTEL (8 hour TWA): 4mg/m³ (EH40, 2000: for Respirable Dust)

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 3/5

Issue date: 23.9.2006

Product: DYSPERSE DYES

General protective measures: Do not breathe dust.

Avoid contact with eyes and skin.

Remove all contaminated clothing immediately.

Hygiene measures: Keep away from food and drink stuffs.

Do not eat, drink or smoke at work.

Wash hands before breaks and at end of work and use skin-protecting ointment.

Respiratory protection: Dust mask with particle filter.

Hand protection: Wear protective gloves made of PVC. In the event of contamination change protective gloves immediately.

Eye protection: Wear eye protection.

Body protection: Wear protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: : De-dusted powders

Colour: : Described by the name of the 23 individual products

Examples:

Dysperse Golden Yellow R

Dysperse Mid Red EFG

Dysperse Dark Brown G

Dysperse Full Black EBT

Colour

Golden Yellow

Mid Red

Dark Brown

Full Black

Odour: : Odourless

pH (Value): : 6.5 - 8.5 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

Bulk density (g/ml): : 500-600 kg/m³

Solubility (water): : Dispersible

Solubility (other): : No data

Partition Coefficient: : No data

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 4/5

Issue date: 23.9.2006
Product: DYSERSE DYES

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50 > 5,000 MG/KG (rat)
Irritant effect on skin: non-irritant (rabbit)
Irritant effect on eyes: non-irritant (rabbit eye)

12. ECOLOGICAL INFORMATION

Biodegradability: 30-60%
Method: Bath method
Bacteria toxicity: 100-1,000 mg/l
Chemical oxygen demand (COD): approx. 1.600 mg/g

Remarks: Product does not add to the AOX-value of the sewage. (DIN EN 1485)
The product does not contain heavy metals in concentrations of concern for waste water.
The product does not release nitrogen which can contribute to eutrophication.
The product does not contain phosphates or organophosphorus compounds.

13. DISPOSAL CONSIDERATIONS:

Product: If utilisation or recycling of the product is not possible, it should be disposed or according to the local regulations and laws, e.g. by incineration in a suitable plant.

European Waste Catalogue (EWC) code: 040217 Dyestuffs and pigments other than those mentioned in 040216.

Uncleaned packaging: Soiled, empty containers are to be treated in the same way as the contents.

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Page 5/5

Issue date: 23.9.2006
Product: DYSPERSE DYES

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.