

Kemtex Educational Supplies

(Part of Regency FCB (UK) Ltd)
Bentwood Road, Carrs Ind. Est, Haslingden, Rossendale, Lancashire, BB4 5HH
TEL: 01706 831808 FAX: 01706 212265
EMAIL: enquiries@regencyfcb.com

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

FIBRECRAFT ACID ROYAL BLUE

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use Pattern: Textile Dye

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

| | |
|--------------|--|
| COMPANY NAME | REGENCY FCB (UK) LTD UNIT 4, BENTWOOD ROAD HASLINGDEN LANCASHIRE BB4 5HH |
|--------------|--|

1.4 EMERGENCY TELEPHONE NUMBER

| | |
|-----------------------|---|
| EMERGENCY INFORMATION | Tel: +44(0)1706 831808 (office hours only) Fax: +44(0)1706 212265 email: enquiries@regencyfcb.com |
| INTENDED USE | Industrial. For professional use only |

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to regulation (EC) 1272/2008 on classification, labelling and packaging of substances and mixtures

No Labelling is required in accordance with GHS directives

2.2 LABEL ELEMENTS

| | |
|--------------------------|----------------|
| HAZARD PICTOGRAMS | None required. |
| SIGNAL WORD | None required. |
| HAZARD STATEMENTS | None required. |
| PRECAUTIONARY STATEMENTS | None required. |

2.3 OTHER HAZARDS

If applicable in this section are given hazards which are not part of the overall classification but can contribute to the hazards which may be associated with the substance or mixture.

Not applicable.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical characterization.

Anthraquinone dyestuff preparation.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION **INGESTION**

Take off immediately all contaminated clothing.
If the product is swallowed, the patient must at once drink plenty of water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

INHALATION

Upon in inhalation of aerosol/vapour/dust take the patient into fresh air. If there is difficulty in breathing seek medical advice.

EYE CONTACT

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

SKIN CONTACT

Cleansing with plenty of water, soap or other non-irritating cleansing agent.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Please see hazard statement in section 2.2 if given and information in this section if stated.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Please see hazard statement in section 2.2

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media: Water spray, foam, dry powder.
Extinguishing media that must not be used for safety reasons: Carbon Dioxide.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

None determined.

5.3 ADVICE FOR FIREFIGHTERS

Special protective equipment for firefighting: Firemen must wear self-contained breathing apparatus.

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Wash hands before
Break and at end of work and use skin protecting ointments.

| | |
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| RESPIRATORY PROTECTION: | Dust mask with particle filter. |
| HAND PROTECTION | Wear suitable gloves e.g. PVC or nitrile rubber. In the event of contamination, change protective gloves immediately. |
| EYE PROTECTION | Safety glasses with side protection shield. |
| SKIN PROTECTION | Wear protective clothing. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|------------------------|
| FORM | Powder |
| COLOUR | Dark Blue |
| pH | 4-5 (20 C, 10 gm.p.l) |
| ODOUR | Odourless |
| MELTING POINT | Not determined |
| BOILING POINT | Not determined |
| FLASH POINT | Not applicable |
| IGNITION TEMPERATURE | Not determined |
| FLAMMABILITY | Not determined |
| LOWER EXPLOSION LIMIT | Not determined |
| UPPER EXPLOSION LIMIT | Not determined |
| VAPOUR PRESSURE | Not determined |
| DENSITY | Not determined |
| SOLUBILITY IN WATER | 40 gm.p.l (90C) |
| VISCOSITY(dynamic) | Not determined |
| VISCOSITY(kinematic) | Not determined |
| VISCOSITY(flow time) | Not determined |

9.2 OTHER INFORMATION

| | |
|---------------------------------|---------------------------|
| COMBUSTION NUMBER | Not determined |
| DUST EXPLOSION CLASS | Not determined |
| BULK DENSITY | 610-670 kg/m ³ |
| Further information (phys-chem) | not necessary |

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No hazardous reactions when stored and handled according to prescribed instructions.

10.2 CHEMICAL STABILITY

Thermal decomposition:> 175 C. No thermal decomposition when stored and handled correctly.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

In the case of dusty organic products the possibility of a dust explosion should always be considered.

10.4 CONDITIONS TO AVOID

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For avoidable conditions: Not necessary.

10.5 INCOMPATIBLE MATERIALS

For avoidable materials: Not necessary.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

| | |
|----------------------------|-------------------------|
| Acute oral toxicity: | LD50 > 2,000mg.kg (rat) |
| Acute inhalation toxicity: | Not determined. |
| Acute dermal toxicity: | Not determined. |
| Irritant effect on eyes: | Non-Irritant (rabbit) |
| Irritant effect on skin: | Non-irritant (rabbit) |
| Sensitization: | Not determined. |
| Repeat dose toxicity: | Not determined. |
| Mutagenicity: | Not determined. |
| Teratogenicity: | Not necessary. |
| Carcinogenicity: | Not Necessary. |

Remarks: Test results of a similarly composed product.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

| | |
|--------------------|---|
| Fish toxicity: | LC50 >100 mg/l (48 h Leuciscus idus) Method: Range Finding Test. |
| Daphnia toxicity: | Not determined. |
| Algae toxicity: | Not determined |
| Bacteria toxicity: | IC50 >1.000mg/l No inhibitory effects, Test method: growth inhibition Test according to G.Bringmann, Gesundheitsingenieur 94, 366-369 (1973) |

12.2 PERSISTENCE AND DEGRADABILITY

| | |
|--|---|
| Physico-chemical eliminability: | Approx. 75% |
| Biodegradability: | <10% Evaluated from components. Method: Iron sulphate precipitation. |
| Behaviour in environmental compartments: | Not determined. |
| Dissolved Organic Carbon (DOC): | Not determined. |
| Chemical Oxygen Demand (COD): | Not determined. |
| Biochemical Oxygen Demand (BOD5): | Not determined. |

Remarks: Test results of an analogous product
Product does not add to the AOX value of the sewage.
Does not contain heavy metals in concentrations of concern for waste water.
Does not release nitrogen which can contribute to eutrophication.
Product does not contain phosphates or

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organophosphorus compounds.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHOD

Product: If utilisation or recycling of the product is not possible, it should be disposed of 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.

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

SECTION 14: TRANSPORT INFORMATION

| | | |
|------|--|---|
| | <u>TRANSPORT CLASS</u> | Classified as non-dangerous goods for transport. |
| 14.1 | <u>UN NUMBER</u> | See above entry at the respective regulation. |
| 14.2 | <u>PROPER SHIPPING NAME</u> | See above entry at the respective regulation. |
| 14.3 | <u>TRANSPORT HAZARD CLASS(ES)</u> | See above entry at the respective regulation. |
| 14.4 | <u>PACKING GROUP</u> | See above entry at the respective regulation. |
| 14.5 | <u>ENVIRONMENTAL HAZARDS</u> | See above entry at the respective regulation. |
| 14.6 | <u>SPECIAL PRECAUTIONS FOR USER</u> | Protect from wetness. Keep separate from foodstuffs. |
| 14.7 | <u>TRANSPORT IN BULK ACCORDING TO AMEX 11 OF MARPOL 73/78 AND THE IBC CODE</u> | No transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code foreseen for this substance or mixture. |

SECTION 15: REGULATORY INFORMATION

| | | |
|------|---|---|
| 15.1 | <u>SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE</u> | |
| | <u>SPECIFIC REGULATIONS</u> | No labelling is required in accordance with EEC directives. |
| 15.2 | <u>CHEMICAL SAFETY ASSESSMENT</u> | Not determined. |

SECTION 16: OTHER INFORMATION

Text of all short cuts referred to in sections 2 and 3 :

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal requirements. The information contained herein is accurate to the best of our knowledge and belief and is intended to describe our products from a point of view of health and safety requirements. It should not, therefore, be construed as guaranteeing specific properties. This company shall not be held liable for any damage resulting from handling or from contact with the above product