

# 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](mailto:enquiries@regencyfcb.com)

## SAFETY DATA SHEET

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

#### 1.1 PRODUCT IDENTIFIER

#### **FIBRECRAFT ACID DARK BROWN**

#### 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](mailto: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**

N; R51/53

Symbols: N: Dangerous for the environment

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Classification of the substance or mixture.

Aquatic chronic 2: H411

#### 2.2 LABEL ELEMENTS

HAZARD PICTOGRAMS



SIGNAL WORD

WARNING

HAZARD STATEMENTS

H411 Toxic to aquatic life with long lasting effects.

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PRECAUTIONARY  
STATEMENTS(prevention)

P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection,  
Face protection.

PRECAUTIONARY  
STATEMENT(Response)

P391 Collect spillage.

PRECAUTIONARY  
STATEMENT(Storage)

PRECAUTIONARY  
STATEMENT(Disposal)

P501 Dispose of contents/containers to waste treatment in  
Accordance with national regulations.

## 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.

## **SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

### **3.2 Mixtures**

#### **Chemical characterization**

Azo acid dye, dust free preparation.

#### **Hazardous Ingredients (GHS) according Regulation (EC 1272/2008)**

| HAZARDOUS<br>SUBSTANCE | %<br>PRESENT | EC Number | CAS        | CLASSIFICATION                       |
|------------------------|--------------|-----------|------------|--------------------------------------|
| Acid Brown 282         | >30%         | 274490-1  | 70236-60-1 | N; R51/53<br>Aquatic chronic 2: H411 |

## **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.

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## 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 or CO2

### 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.

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

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions: Avoid formation and disposition of dust.

### 6.2 ENVIRONMENTAL PRECAUTIONS

Environmental precautions: Do not empty into drains or waters.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for cleaning or take up: Take up spilled product with dust-binding materials or suitable vacuum cleaner. Place into labelled, sealable containers.

### 6.4 REFERENCE TO OTHER SECTIONS

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Additional information: For further disposal measures see chapter 13.

## **SECTION 7: HANDLING AND STORAGE**

### 7.1 HANDLING

Advice on safe handling: Avoid formation and disposition 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.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Requirements for storage rooms and vessels: Store in original containers in a cool, dry place.  
In filling operations take precautionary measures against static discharge.

Storage stability: Storage period: 60 months

### 7.3 SPECIFIC END USES

Not determined.

## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

### 8.1 Specific end uses:

Ingredients with occupational exposure limits to be monitored: Not applicable

### 8.2 EXPOSURE CONTROLS

General protective measures: Do not breathe dust. Avoid contact with skin. Take off immediately contaminated clothing.

Hygiene measures: Keep away from food and drink.

Do not eat, drink or smoke at work.

Wash hands before

Break and at end of work and use skin protecting ointments.

RESPIRATORY PROTECTION:  
HAND PROTECTION

EYE PROTECTION  
SKIN PROTECTION

Dust mask with particle filter P1  
Wear suitable gloves e.g. PVC or nitrile rubber. In the event of contamination, change protective gloves immediately.  
Safety glasses with side protection shield.  
Wear protective clothing.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

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|                        |                             |
|------------------------|-----------------------------|
| FORM                   | powder                      |
| COLOUR                 | Brown                       |
| pH                     | 9-9.5 ( 20 g/l)             |
| ODOUR                  | Odourless                   |
| MELTING POINT          | Not applicable.             |
| BOILING POINT          | Not determined              |
| FLASH POINT            | Not determined              |
| IGNITION TEMPERATURE   | Not determined              |
| FLAMMABILITY           | Not determined              |
| LOWER EXPOLOSION LIMIT | Not determined              |
| UPPER EXPOLSION LIMIT  | Not determined              |
| VAPOUR PRESSURE        | Not determined              |
| DENSITY                | Not determined              |
| SOLUBILTY IN WATER     | 50g/l at 30C, 100G/L AT 90C |
| VISCOSITY(dynamic)     | Not determined              |
| VISCOSITY(kinematic)   | Not determined              |
| VISCOSITY(flow time)   | Not determined              |

## 9.2 OTHER INFORMATION

|                                 |                       |
|---------------------------------|-----------------------|
| COMBUSTION NUMBER               | Not determined        |
| DUST EXPOLSION CLASS            | Not determined        |
| BULK DENSITY                    | 660 kg/m <sup>3</sup> |
| 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: 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

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**

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## 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

|                            |   |
|----------------------------|---|
| Acute oral toxicity:       | LD50 > 5,000mg.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:             | Non-Sensitizing (Guinea Pig) Method: OECD 406         |
| Repeat dose toxicity:      | Not determined.                                       |
| Mutagenicity:              | Not determined.                                       |
| Teratogenicity:            | Not necessary.  |
| Carcinogenicity:           | Not Necessary.  |
| Remarks:                   | Test results of a component contained in the product. |

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

|                    |                                 |
|--------------------|---------------------------------|
| Fish toxicity:     | No data                         |
| Daphnia toxicity:  | Not determined.                 |
| Algae toxicity:    | Not determined                  |
| Bacteria toxicity: | ECO >300mg/l (Activated sludge) |

### 12.2 PERSISTENCE AND DEGRADABILITY

|                                 |                 |
|---------------------------------|-----------------|
| Physico-chemical eliminability: | Not determined. |
| Biodegradability:               | Not determined  |

|   |   |
|---|---|
| Behaviour in environmental compartments:  | Not determined.                             |
| Dissolved Organic Carbon (DOC):   | Not determined.                             |
| Chemical Oxygen Demand (COD):   | Approx. 1.120 mg/g                          |
| Biochemical Oxygen Demand (BOD5):   | Approx. 15 mg/g                             |
| Remarks: Test results of a similarly composed product.<br>Product does not add to the AOX value of the sewage.<br>Product does not contain heavy metals in concentrations of concern for waste water. |   |
| Metal Content   | 3.4% Chromium as Crill organo-metal complex |
| Nitrogen Content  | 8.9%  |
| Does not contain phosphates or organophosphorus compounds.  |   |

### 12.3 BIOACCUMULATIVE POTENTIAL

Not determined.

### 12.4 MOBILITY IN SOIL

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Not determined.

## 12.5 RESULTS OF PBT AND vPvB ASSESSMENT

Not determined.

## 12.6 OTHER ADVERSE EFFECTS

Not determined.

## **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: 040216 Dyestuffs and pigments containing dangerous substances.

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

## **SECTION 14: TRANSPORT INFORMATION**

### TRANSPORT CLASS

ADR

UNNR: 3077 Environmentally hazardous substance, solid, n.o.s  
Class 9 PG:III Environmentally hazardous substance.

ADNR

UNNR: 3077 Environmentally hazardous substance, solid, n.o.s  
Class 9 PG:III Environmentally hazardous substance.

RID

UNNR: 3077 Environmentally hazardous substance, solid, n.o.s  
Class 9 PG:III Environmentally hazardous substance.

IMDG

UNNR: 3077 Environmentally hazardous substance, solid, n.o.s  
Class 9 PG:III Marine pollutant Ems:F-A , S-F

IATA C

UNNR: 3077 Environmentally hazardous substance, solid, n.o.s  
Class 9 PG:III .

IATA P

UNNR: 3077 Environmentally hazardous substance, solid, n.o.s  
Class 9 PG:III .

ADR

AZO DYESTUFF

ADNR

AZO DYESTUFF

RID

AZO DYESTUFF

IMDG

AZO DYESTUFF

IATA C

AZO DYESTUFF

IATC P

AZO DYESTUFF

### 14.1 UN NUMBER

See above entry at the respective regulation.

### 14.2 PROPER SHIPPING NAME

See above entry at the respective regulation.

### 14.3 TRANSPORT HAZARD CLASS(ES)

See above entry at the respective regulation.

### 14.4 PACKING GROUP

See above entry at the respective regulation.

### 14.5 ENVIRONMENTAL HAZARDS

See above entry at the respective regulation.

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14.6 SPECIAL PRECAUTIONS FOR USER

14.7 TRANSPORT IN BULK ACCORDING TO  
AMEX 11 OF MARPOL 73/78 AND THE IBC  
CODE

## **SECTION 15: REGULATORY INFORMATION**

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE  
OR MIXTURE

SPECIFIC REGULATIONS

No labelling is required in accordance with EEC directives.

15.2 CHEMICAL SAFETY ASSESSMENT

Not determined.

## **SECTION 16: OTHER INFORMATION**

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

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

H411

Toxic to aquatic life with long lasting effects.

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