

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 BLACK

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

May cause an allergic skin reaction.

Causes serious eye irritation.

Harmful to Aquatic Life with long lasting effects.

Classification of the substance or mixture.

Respiratory or skin sensitisation: Skin Sensitisation, Cat. 1B

Serious eye damage/eye irritation: Irritating to eyes Cat. 2

Harmful to the Aquatic environment: Chronic category 3

2.2 LABEL ELEMENTS

HAZARD PICTOGRAMS



SIGNAL WORD

WARNING

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HAZARD STATEMENTS

H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS(prevention)

P261 Avoid breathing dust/fumes/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the work place.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection, Face protection.
P285 In case of inadequate ventilation wear respiratory protection.

PRECAUTIONARY STATEMENT(Response)

P302+P352 If ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs, get medical attention.
P305+P351+P338
IF IN EYES: Rinse cautiously with water for several Minutes. Remove contact lenses, if present and easy to do, continue rinsing.
P337+P313 If eye irritation persists, Get medical Advice/treatment.
P363 Wash contaminated cloths before use.

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 chromium complex dyestuff preparation.

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

HAZARDOUS SUBSTANCE	% PRESENT	EC Number	CAS	CLASSIFICATION
Acid Black 194	>90%	260-906-9	57693-14-8	Skin Sens. 1B Eye Irrit. 2 Aquatic Chronic 2 H317 H319 H411

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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.

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

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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

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: 12 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

Dust mask with particle filter.
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.

EYE PROTECTION
SKIN PROTECTION

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

FORM	Powder
COLOUR	Black
pH	6-7 (20 C @10 gm.p.l)
ODOUR	Odourless
MELTING POINT	Not applicable.
BOILING POINT	Not determined
FLASH POINT	>100 C
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	50gm.p.l (@ 25 C)
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	400-600 kg/m3
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

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Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute oral toxicity:	LD50 > 2,000mg.kg (rat)
Acute inhalation toxicity:	(8 hr rats) Method: Inhalation risk test. No mortality after exposure to an enriched saturated Atmosphere at 20 C.
Acute dermal toxicity:	LD50 > 2.000 mg/kg (rat)
Irritant effect on eyes:	Irritant (rabbit)
Irritant effect on skin:	Non-irritant (rabbit)
Sensitization:	Sensitizing (Guinea Pig) Method Magnusson/Kligman.
Repeat dose toxicity:	Not determined.
Mutagenicity:	Not determined.
Teratogenicity:	Not necessary.
Carcinogenicity:	Not Necessary.
Remarks:	Test results of an analogous product.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Fish toxicity:	LC50 10-100 mg/l (96 hr Leuciscus idus) Evaluated from components
Daphnia toxicity:	Not determined.
Algae toxicity:	Not determined
Bacteria toxicity:	ECO 1.000mg/l (0.5 h, Pseudomonas putida) Method OECD 209

12.2 PERSISTENCE AND DEGRADABILITY

Physico-chemical eliminability:	Not determined.
Biodegradability:	<20% (colour decrease) If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activated sludge is to be expected.
Behaviour in environmental compartments:	Not determined.
Dissolved Organic Carbon (DOC):	Not determined.
Chemical Oxygen Demand (COD):	Approx. 960 mg/g
Biochemical Oxygen Demand (BOD5):	< 30 mg/g
Remarks:	
Product does not add to the AOX value of the sewage.	
Product contains approx. 3.0% complex bonded Chromium.	
Does not release nitrogen which can contribute to eutrophication.	
Does not contain phosphates or organophosphorus compounds.	

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12.3 BIOACCUMULATIVE POTENTIAL

Not determined.

12.4 MOBILITY IN SOIL

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: 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

TRANSPORT CLASS

- | | | |
|------|--|---|
| 14.1 | <u>UN NUMBER</u> | UN 3077 |
| 14.2 | <u>PROPER SHIPPING NAME</u> | Environmentally hazardous substance , solid, N.O.S |
| 14.3 | <u>TRANSPORT HAZARD CLASS(ES)</u> | Class: 9 |
| 14.4 | <u>PACKING GROUP</u> | PG:111 |
| 14.5 | <u>ENVIRONMENTAL HAZARDS</u> | Environmentally hazardous substance , solid, N.O.S |
| 14.6 | <u>SPECIAL PRECAUTIONS FOR USER</u> | |
| 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. |

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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 :

H317	May cause an allergic skin reaction.
H319	Causes severe eye irritation.
H412	Harmful to aquatic life with long lasting effects.
Aquatic Chronic 2	Hazardous to the aquatic environment: Chronic category 2
Eye Irritant 2	Serious eye damage/eye irritation: Irritating to eyes category 2
Skin Sens. 1B	Respiratory or skin sensitisation: Skin Sensitisation, Cat. 1B

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