

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

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

<b>SAFETY DATA SHEET</b>
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Tel: 01483 565800

1) **PRODUCT NAME**

**ACID DYES**  
**WATER SOLUBLE POWDER DYE RANGE**  
**COMPRISING OF:**

KEMTEX ACID DYE	PROD CODE	KEMTEX ACID DYE	PROD CODE
ACID YELLOW	301	ACID PINK	372
ACID ORANGE	312	ACID MAROON	380
ACID RED	324	ACID MAGENTA	394
ACID BLUE	333	ACID VIOLET	400
ACID GREEN	340	ACID CHESTNUT	404
ACID JADE	351	ACID BROWN	411
ACID TURQUOISE	364	ACID NAVY	422
ACID PLUM	366	ACID BLACK	433

2) **CHEMICAL COMPOSITION**      **SERIES OF MONO AZO ACID DYES**

**HAZARDOUS**  
**INGREDIENTS**

**HAZARD**  
**SYMBOL**

**RISK**  
**PHRASES**

NONE IDENTIFIED

NONE

NONE

3) **HAZARDS IDENTIFICATION**

The primary routes of exposure to this material are eye or skin contact, and inhalation. Contact with eyes or skin may result in irritation. Ingestion may result in gastric disturbances. Inhalation of dusts may irritate the respiratory tract.

4) **FIRST AID MEASURES**

<b>EYES</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>SKIN</b>	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of soap and water.
<b>INGESTION</b>	Do not induce vomiting. If conscious give lots of water or milk. Obtain medical attention.
<b>INHALATION</b>	If discomfort is felt after inhalation of dust, remove affected person to fresh air and summon medical aid.

## 5) FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

Water mist. CO<sub>2</sub> Dry powder. Foam.

### UNUSUAL FIRE AND EXPLOSION HAZARD

In common with many organic chemicals including the majority of dyestuffs in powder form. This product could form flammable dust in air.

### PROTECTIVE EQUIPMENT

Self contained breathing apparatus should be worn.

## 6) ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Do not dispose of product via drains, watercourses. Damp down and vacuum or shovel into suitable container for disposal.

## 7) HANDLING AND STORAGE

### HANDLING

Avoid formation of dust clouds and evolution of static charges. Do not breathe dust. When using do not eat, drink or smoke.

### STORAGE

Store in tightly closed containers away from moisture, heat and light.

## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

UK HSE EH40

Total Inhalable Dust - 10mg/m<sup>3</sup> (8HR TWA)

Respirable Dust - 5mg/m<sup>3</sup> (8hr TWA)

### ENGINEERING MEASURES

Ensure adequate ventilation

### RESPIRATORY PROTECTION

Wear approved dust mask

### EYE PROTECTION

Wear eye/face protection

### SKIN PROTECTION

Wear suitable protecting clothing

### HAND PROTECTION

Wear suitable gloves

**9) PHYSICAL AND CHEMICAL PROPERTIES**

<b>FORMS</b>	Powder
<b>ODOUR</b>	None
<b>pH</b>	about 9 @ 1 g/l water @ 20°C
<b>MELTING POINT (°C)</b>	>100°C
<b>SOLUBILITY</b>	30 g/l water @ 20°C 40 g/l water @ 90°C
<b>DECOMPOSITION TEMPERATURE</b>	>220°C

**10) STABILITY AND REACTIVITY**

<b>STABILITY</b>	Stable under normal conditions.
<b>INCOMPATIBILITY</b>	None known.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	May give off noxious or toxic fumes on combustion - CO, CO <sub>2</sub> , NO <sub>x</sub> , SO <sub>2</sub> etc

**11) TOXICOLOGICAL INFORMATION**

<b>HEALTH EFFECTS</b>	Skin - non irritant (Tested on Rabbits) Eyes - non irritant (Tested on Rabbits)
<b>ACUTE TOXICITY</b>	LD <sub>50</sub> (Oral-rat) > 2000 mg/kg

**12) ECOLOGICAL INFORMATION**

<b>AQUATIC TOXICITY</b>	LC <sub>50</sub> (48hr) > 100mg/l (Trout)
<b>PERSISTENCE AND BIODEGRADABILITY</b>	Biological Elimination 10-25%
<b>EFFECT ON EFFLUENT TREATMENT</b>	Inhibition of activity of waste bacteria > 300 mg/l (sludge organisms)

**13) DISPOSAL CONSIDERATION**

Dispose of in accordance with local, regional or national regulations to an authorised waste collection point. Do not discharge into the environment.

**14) TRANSPORT INFORMATION**

<b>UK ROAD/RAIL</b>	Not classified as dangerous in the meaning of transport regulations
<b>ADR/RID</b>	Not classified as dangerous in the meaning of transport regulations
<b>IMDG</b>	Not classified as dangerous in the meaning of transport regulations
<b>IATA/ICAO</b>	Not classified as dangerous in the meaning of transport regulations

**15) REGULATORY INFORMATION**

**HAZARDOUS SUBSTANCE(S) IN THE PRODUCT**

Not applicable

**HAZARD SYMBOL(S)**

**RISK PHRASES** None

**SAFETY PHRASES** S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

**OTHER REGULATORY INFORMATION**

Product classified and safety data sheet prepared in accordance with EEC directives as implemented in the UK by The Chemicals (Hazard Information and Packaging for supply) Regulations 1994, S13247.

The information contained herein does not constitute the users own assessment of work place risk as required by other health & safety legislation.

**16) OTHER INFORMATION**

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirement. It should not therefore be construed as guaranteeing specific properties.