

## MATERIAL SAFETY DATA SHEET 12 (CRAFT DYES)

Revision: Number 6  
Date 27 February 2012

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### SECTION 1 Product & Supplier Identification

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**Product Name :** Craft Dyes  
**Other Names :** None  
**Company :** Educational Colours Pty Ltd  
**Address :** P.O. Box 657, Croydon, Victoria, Australia 3153  
**Telephone :** (03) 9729-0788 **After Hours :**

**USE :** For dyeing natural fibres by various dipping methods. Also suitable for brush application.

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### SECTION 2 Hazards Identification

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**Not classified as hazardous according to the criteria of Worksafe Australia**

**Dangerous Goods Class/Subsidiary Risk :** None

**Safety / Risk Phrases :** S24 – Avoid contact with skin  
S25 – Avoid contact with eyes

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### SECTION 3 Ingredient Composition / Information

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<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Solution in water of an alginate thickener, preservative and various combinations of the following dyes, Reactive Black, Yellow GR, Yellow GL, Blue, Turquoise Blue, Brown, Violet		<3%
Sumifix Red		<1%
Levafix Scarlet	68959-17-1	<1%
1,2-Benzisothiazolin-3(2H)-one	2634-33-5	0.03%

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### SECTION 4 First Aid Measures

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**Swallowed :** Rinse mouth with water. Give water to drink. Seek medical attention if symptoms persist.

**Eye :** Irrigate with copious quantities of water for atleast 15 minutes, lifting eyelids occasionally. Seek medical attention.

**Skin :** Wash off with soap and water. If any symptoms arise seek medical attention.

**Inhalation of Vapours :** Unlikely, however remove affected person to a well ventilated area.

## MATERIAL SAFETY DATA SHEET (CRAFT DYES)

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### SECTION 5 Fire Fighting Measures

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- Extinguishing Media :** Use extinguisher in accordance with primary source of fire.
- Fire / Explosion Hazards :** Product is not combustible. It has no flash point and is non-explosive.
- Flammability:** This product is water based and does not burn.

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### SECTION 6 Accidental Release Measures

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- Spills & Disposal :** Heed advice under Section 8 "Personal Protection". Contain spill to prevent contamination to drains / water ways. Use sand, earth or other inert absorbent material. Collect and seal in clearly and properly labelled containers for disposal in accordance with local regulations. Some residual staining of the spill area may occur, but it will fade with time.

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### SECTION 7 Handling & Storage

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- General :** Do not store below 0°C or above 50°C. Store in a cool, sheltered location away from direct sunlight and away from sources of heat. Keep containers tightly closed at all times when not in use. Store in clearly labelled containers.

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### SECTION 8 Exposure Controls / Personal Protection

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- Exposure Standards :** No value assigned for this specific product by the NOHSC.
- Engineering Controls :** No special precaution necessary, general ventilation should be sufficient.
- Personal Protection :** Use and maintain good industrial hygiene. Avoid skin and eye contact by wearing impervious gloves and goggles. Always wash hands after use. Do not eat, smoke or drink when handling this product.

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### SECTION 9 Physical & Chemical Properties

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- Appearance :** Coloured, transparent liquid.
- Odour :** Not applicable.
- pH :** between 5.0 – 7.0 (neat)
- Vapour Pressure :** Not available
- Boiling Point :** Not available
- Melting Point :** Not applicable
- Solubility in water :** Dispersible
- Specific Gravity :** between 1.00 – 1.10
- Flammability Limits :** Not flammable

## MATERIAL SAFETY DATA SHEET (CRAFT DYES)

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### SECTION 10

### Stability & Reactivity

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**Chemical Stability :** This product is considered to be stable.

**Conditions to avoid :** No specific data available for this product. However, it is recommended that sources of heat, pressure and physical stress be avoided.

**Incompatible Materials :** Strong oxidising agents and acids.

#### **Hazardous**

**Decomposition :** If engulfed in fire product may give rise to the release of obnoxious fumes including oxides of carbon.

**Hazardous Reactions :** This product will not undergo hazardous polymerisation.

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### SECTION 11

### Toxicological Information

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There is no specific toxicity information available for this product. There are no adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms that may arise if the product is mishandled are;

#### **Health Effects - Acute :**

**Swallowed :** Ingestion may result in nausea and vomiting.

**Eye :** Mild irritant.

**Skin :** Prolonged contact may cause minor irritation in some individuals.

#### **Inhalation**

**of Vapours :** Non-harmful by inhalation.

**Chronic Effects :** No known serious effects.

**Additional Information :** (i) This product contains no egg, dairy, wheat, soy, shell fish or peanut products, by-products or derivatives.

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### SECTION 12

### Ecological Information

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**Ecotoxicity :** No specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways. Sufficient measures should be taken to retain the water used in extinguishing any fires involving this product. Dispose of contaminant in accordance with local landfill or incineration regulations.

## MATERIAL SAFETY DATA SHEET (CRAFT DYES)

### Ecological Information cont....

**Persistence / Degradation :** No specific data available.

**Mobility :** No specific data available.

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### SECTION 13 Disposal Considerations

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**Disposal Methods :** Dispose of this product and any water contaminated with this product in accordance with local regulations. The container in which the product is / was contained should also be disposed of in accordance with local regulations.

**Landfill / Incineration Precautions :** Disposal of contaminant should be in accordance with local regulations for approved landfill or incineration.

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### SECTION 14 Transport Information

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**U.N. Number :** None allocated  
**Shipping Name :** None allocated  
**D.G. Class & Sub Risk :** None allocated  
**Packing Group :** None allocated  
**Special Precautions :** No special precautions for transport  
**Hazchem Code :** None

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### SECTION 15 Regulatory Information

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**Poisons Schedule :** None allocated

**Additional Requirements :** None

All components are listed in the Australian Inventory of Chemical Substances.

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