

MATERIAL SAFETY DATA SHEET (FOOD DYES - LIQUID)

Revision: Number 6
Date 7 June 2011

SECTION 1 Product & Supplier Identification

Product Name : Food Dyes - Liquid

Other Names : None

Company : Educational Colours Pty Ltd

Address : P.O. Box 657, Croydon, Victoria, Australia 3153

Telephone : (03) 9729-0788 **After Hours :**

USE : Dyeing of paper, fabric, wood etc. in kindergartens. NOT for food use.

SECTION 2 Hazards Identification

Not classified as hazardous according to the criteria of Worksafe Australia

Dangerous Goods Class/Subsidiary Risk : None

Safety / Risk Phrases : None

SECTION 3 Ingredient Composition / Information

Solution in water of a thickener, food grade preservative and the following food dyes,

YELLOW	Food Yellow 4 (E102, C.I. 19140)
RED	Food Red 7 (E124, C.I. 16255)
BLUE	Food Blue 2 (E133, C.I. 42090) & Food Red 7
GREEN	Food Blue 2 & Food Yellow 4
ORANGE	Food Red 7 & Food Yellow 4
PURPLE	Food Red 7 & Food Blue 2
BLACK	Food Blue 2, Food Red 7 & Food Yellow 4
BROWN	Food Blue 2, Food Yellow 4 & Food Red 7

SECTION 4 First Aid Measures

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.

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SECTION 5 Fire Fighting Measures

- 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.

SECTION 6 Accidental Release Measures

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.

SECTION 7 Handling & Storage

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.

SECTION 8 Exposure Controls / Personal Protection

- 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.

SECTION 9 Physical & Chemical Properties

- Appearance :** Coloured liquid.
- Odour :** Not applicable.
- pH :** between 7.0 – 9.5 (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

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SECTION 10

Stability & Reactivity

- 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.

SECTION 11

Toxicological Information

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) The dyestuffs used in these products all have Australian and EEC approval for use in edible products. However the premises of Educational Colours PTY LTD is not registered under the Health Act for the production of foodstuffs. It is therefore recommended that these products not be ingested.

(ii) This product contains no egg, dairy, soy, wheat or peanut products, by-products or derivatives.

SECTION 12

Ecological Information

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.

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Ecological Information cont....

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

SECTION 13**Disposal Considerations**

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.

SECTION 14**Transport Information**

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

SECTION 15**Regulatory Information**

Poisons Schedule : None allocated**Additional Requirements :** None

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

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