

**SECTION 1 Product & Supplier Identification**

<b>Product Name</b>	Fun Dye (liquid)
<b>Other Names</b>	None
<b>Product Code</b>	EC102, EC103, EC105, EC106, EC100, EC101
<b>Barcode Number</b>	
<b>Recommended Use</b>	Dyeing of paper, fabric, wood, etc.
<b>Restrictions on Use</b>	NOT for food use.
<b>Company</b>	Modern Teaching Aids Pty Ltd
<b>ABN</b>	98 000 628 786
<b>Address</b>	Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2086
<b>Telephone</b>	1800 251 497
<b>Supplier Code</b>	
<b>Emergency Phone Number</b>	Australia – 13 11 26 (Poisons Information Centre)

**SECTION 2 Hazards Identification**

**Classification of the hazardous chemical**

<b>Physical hazards</b>	Not classified
<b>Health hazards</b>	Not classified
<b>Environmental hazards</b>	Not classified

**Label elements, including precautionary statements**

<b>Hazard symbols</b>	None
<b>Signal word</b>	None
<b>Hazard Statements</b>	The mixture does not meet the criteria for classification.

**Precautionary statements**

<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after use.
<b>Storage</b>	Store in well ventilated place. Keep container tightly closed.
<b>Disposal</b>	Dispose of contents and container in accordance with local regulations.

**SECTION 3 Ingredient Composition / Information**

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
1,3-Propanediol, 2-bromo-2-nitro-	52-51-7	10 – 30 %
2,2-dibromo-3-nitrilopropionamide	10222-01-2	< 10 %
5-chloro-2-methyl-4-isothiazol-3-one and 2-methyl-2Hisothiazol-3-one	55965-84-9	< 10 %
Magnesium nitrate	10377-60-3	< 10 %
Non-hazardous components		to 100 %

Contains 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
PINK	FD&C Red No.3 (E127, C.I. 45430)
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

# Fun Dye (Liquid)

## Safety Data Sheet

---

### SECTION 4

### First Aid Measures

---

#### Description of necessary first aid measures

<b>Eye</b>	Irrigate with copious quantities of water for at least 15 minutes, lifting eyelids occasionally. Seek medical attention.
<b>Skin</b>	Wash off with soap and water. If any symptoms arise seek medical attention.
<b>Inhalation</b>	Unlikely but move to a well ventilated area. Seek medical attention if symptoms persist.
<b>Swallowed</b>	Rinse mouth with water. Give water to drink. Seek medical attention if symptoms persist.

#### Personal protection for first aid responders

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

#### Symptoms caused by exposure

Direct contact with eyes may cause minor irritation.  
Direct contact with skin may cause minor irritation.

#### Medical attention and special treatment

Provide general supportive measures and treat symptomatically. Keep under observation as symptoms may be delayed. Seek medical attention if symptoms persist.

---

### SECTION 5

### Fire Fighting Measures

---

#### Extinguishing equipment

<b>Suitable</b>	Water, fog, foam, dry chemical powder, carbon dioxide. When choosing extinguishing equipment be aware of any potential hazard(s), example electrical.
<b>Unsuitable</b>	Anything that could spread the fire and or risk the safety of surrounding personnel.

#### Specific hazards arising from the chemical

This product is water based and does not burn. It may however support combustion when the water has been removed and gases hazardous to health maybe formed.

#### Specific protective equipment and precautions for fire fighters

Self-contained breathing apparatus (SCBA) and full protective clothing (PPE) to be worn

**Hazchem Code** Not available.

**General fire hazards** No unusual fire or explosion hazards known.

---

### SECTION 6

### Accidental Release Measures

---

#### Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Keep unnecessary personnel away and upwind of spill. Wear appropriate protective equipment during clean up. Contain spill to prevent contamination to drains/water ways. Local authorities should be contacted if spill cannot be contained. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Heed advice under Section 8 "Personal Protection".

##### For emergency responders

Keep unnecessary people away. Heed advice under Section 8 "Personal Protection".

#### Environmental precautions

Avoid discharge to drains, water ways or onto the ground.

#### Methods and materials for containment and clean up

Large spills – If safe to do so, stop flow and contain spill. Absorb in sand, vermiculite or other inert absorbent material. Collect and seal in clearly labelled containers for disposal in accordance with local regulations.  
Small spills – Wipe / clean up with absorbent material, e.g. cloth.  
Never return spills to original container for re-use.

# Fun Dye (Liquid)

## Safety Data Sheet

---

### SECTION 7

### Handling & Storage

---

#### Precautions for safe handling

Wear appropriate personal protective equipment. Hygiene refer Section 8 below.

#### Conditions for safe storage, including any incompatibilities

Store in a cool location away from direct sunlight and 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

---

#### Occupational exposure limits (OEL's)

No OEL's noted for this product.

#### Biological limit values

No biological exposure values noted for this product.

#### Appropriate engineering controls

Provide an eyewash station.

#### Individual protection measures, for example personal protective equipment (PPE)

##### Eye protection

Wear safety goggles.

##### Skin protection

Wear impervious gloves.

**Hygiene measures** Use and maintain good industrial hygiene. Always wash hands after use. Routinely maintain safety equipment. Do not eat or drink when handling this product.

---

### SECTION 9

### Physical & Chemical Properties

---

<b>Appearance</b>	Coloured, thixotropic liquid.
<b>Odour</b>	Slight acrylic odour
<b>Odour threshold</b>	Not available
<b>pH</b>	between 7.0 – 9.5
<b>Boiling point</b>	Not available
<b>Flash point</b>	Not available
<b>Flammability</b>	Not flammable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Relative density</b>	Not available
<b>Solubility in water</b>	Dispersible
<b>Specific Gravity</b>	between 1.00 – 1.10

---

### SECTION 10

### Stability & Reactivity

---

**Reactivity** Product is considered non-reactive under normal conditions of use, storage and transport.

**Chemical stability** This product is considered stable under normal conditions of use, storage and transport.

#### Possibility of hazardous reactions

No hazardous reaction known under normal use.

**Conditions to avoid** No specific data available for this product.

#### Incompatible materials

Strong oxidising agents and acids.

#### Hazardous decomposition

If engulfed in fire product may release of obnoxious fumes including oxides of carbon.

# Fun Dye (Liquid)

## Safety Data Sheet

---

### SECTION 11

### Toxicological Information

---

#### Information on possible routes of exposure

- Inhalation** No adverse effects expected due to inhalation.  
**Skin contact** Minor irritation may be expected in some individuals.  
**Eye contact** Minor irritation may be expected in some individuals.  
**Ingestion** Expected to be low ingestion hazard.

#### Symptoms related to exposure

Minor irritation in some individuals,  
Skin contact - symptoms may include redness, heat and itching.  
Eye contact - symptoms may include stinging and redness.

**Acute** No specific data available.

#### Skin corrosion / irritation

Prolonged skin contact may cause minor irritation in some individuals.

#### Serious eye damage / irritation

May cause minor irritation in some individuals.

#### Respiratory or skin sensitisation

Not a respiratory sensitizer.  
Not expected to cause skin sensitisation.

**Carcinogenicity** No data available.

#### Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

#### Additional Information

This product does NOT contain,  
Egg, dairy, soy, seafood, shellfish, 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.

#### Persistence and degradability

No specific data available.

#### Bio accumulative potential

No specific data available.

**Mobility in soil** 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.

#### Contaminated packaging

The container in which the product is/was contained should also be disposed of in accordance with local regulations.

# Fun Dye (Liquid)

## Safety Data Sheet

---

### SECTION 14 Transport Information

---

**ADG** Not regulated as dangerous goods.  
**IATA** Not regulated as dangerous goods for IATA  
**IMDG** Not regulated as dangerous goods.

**Special Precautions** No special precautions or requirements for transport

---

### SECTION 15 Regulatory Information

---

#### Safety, health and environmental regulations

This Safety Data Sheet was prepared in accordance with Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Not allocated

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

---

### SECTION 16 Other Information

---

**Reason for Revision Update** Review and update information in accordance with GHS requirements. Section 3 information changes.

**ADG** Australian Dangerous Goods Code  
**AICS** Australia Inventory of Chemical Substances  
**IATA** International Air Transport Association  
**IMDG** International Maritime Dangerous Goods Code

Whilst every care has been taken in compiling these instructions, Modern Teaching Aids Pty Ltd, its employees, contractors and agents neither warrant nor represent that the material published herein is accurate or free from errors or omissions. To the extent permissible by law, Modern Teaching Aids Pty Ltd, its employees, contractors and agents shall not be liable or responsible for any errors, omissions or misrepresentations made herein.

Date Printed : 6 January 2022