



Safety Data Sheet Fun Dye (Liquid)

Revision: Number 11
Date 15 October 2020

SECTION 1 Product & Supplier Identification

Product Name	Fun Dye (liquid)
Other Names	None
Product Code	FD500...
Barcode Number	
Recommended Use	Dyeing of paper, fabric, wood, etc.
Restrictions on Use	NOT for food use.
Company	Educational Colours Pty Ltd
ABN	61 005 708 967
Address	2/43 Burgess Road, Bayswater, VIC, Australia 3153
Telephone	+61 3 9729 0788
Supplier Code	
Emergency Phone Number	Australia – 13 11 26 (Poisons Information Centre)

SECTION 2 Hazards Identification

Classification of the hazardous chemical

Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified

Label elements, including precautionary statements

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

Precautionary statements

Prevention	Observe good industrial hygiene practices.
Response	Wash hands after use.
Storage	Store in well ventilated place. Keep container tightly closed.
Disposal	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

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SECTION 4

First Aid Measures

Description of necessary first aid measures

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

Suitable	Water, fog, foam, dry chemical powder, carbon dioxide. When choosing extinguishing equipment be aware of any potential hazard(s), example electrical.
Unsuitable	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.

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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

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

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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.

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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

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