



FIVE STAR PRODUCTS LTD
3 Chinook Place, Hornby, Christchurch
PO Box 16017, Hornby, Christchurch 8441, New Zealand
Tel 03 349 6514 Fax 03 349 8732
info@5starproducts.co.nz
www.5starproducts.co.nz

**"RESPONSIVE,
INNOVATIVE,
SOLUTION FINDERS"**



Safety Data Sheet

Liquid Dye

1. Identification of Material and Supplier

Product Name: Liquid Dye
Product Code: LD
Other Names: Food Colouring, Painting dye
Recommended Use: Concentrated water based painting dye in liquid form made with food dye pigments. Used as drawing ink, colour wash, non permanent fabric dye, resist work over crayon or liquid wax. Dyes are sensitive to water when dry (not waterproof). Non toxic.

Company: Five Star Products Ltd
Address: 3 Chinook Place, Hornby, Christchurch 8042
Emergency Telephone: (03) 349 6514 ask for Technical Manager
Telephone/Fax number: Tel: (03) 349 6514 Fax: (03) 349 8732
New Zealand National Poison Centre: 0800 POISON (0800 764 766)

2. Hazards Identification

Hazard Classification: Not Applicable

3. Composition/information of Ingredients

Ingredients: Water, acrylic polymer with food dye colour.

Allergies: To the best of our knowledge there has been no intentional addition of dairy, egg, nuts, grains, cereals, soy or gluten products to this product by either Five Star Products Ltd or our raw material suppliers. Five Star Products Ltd does, from time to time carry on site some of the above listed products for use in other products. Whilst none of our raw material suppliers MSDS state that they do contain any of the above products, we are not in a position to 100% guarantee that this product is free of the above mentioned products, due to the limited knowledge of our suppliers processes. Five Star Products Ltd normal practices is not to provide a list of ingredients, due to commercial sensitivity but we welcome direct case by case communication with the end user to assist with this issue on a personal basis.

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4. First Aid Measures

Inhalation:	Not expected to present inhalation hazard under anticipated conditions of normal use.
Ingestion:	Do not induce vomiting. Give 1-2 glasses of water and if you are concerned seek medical attention.
Skin:	Wash skin thoroughly with soap and water. If irritation persists seek medical attention.
Eye:	Flush eye thoroughly with copious amounts of water for a least 15 minutes. Retract eyelids frequently. Seek medical attention if irritation persists.
Advise to doctor:	Treat symptomatically.

Health Effects

Inhalation:	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.
Ingestion:	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of small ingestion.
Skin:	No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of skin exposure. May stain for short period.
Eye:	Not known. May irritate the eyes.

5. Fire Fighting Measures

Extinguishing media:	Not Flammable
Specific Hazards:	Not Flammable
Special Fire fighting Procedures:	Not Flammable
Special protective equipment:	Not Flammable
Decomposition Products:	None
Flammable limits:	In air (%vol) LEL: NA UEL: NA
	Flash point: Not Flammable
Hazchem code:	NA

6. Accidental Release Measure

Emergency Procedures:	Absorb with sand or earth. Shovel up and place in a labelled, sealable container for subsequent disposal. Flush the contaminated area with plenty of water. Dyke spill and transfer to a salvage tank if possible. Absorb remainder with sand or earth and shovel to sealable containers for disposal. Could contaminate watercourse with pigmented polymer. Contaminated absorbent to be deposited in a secure landfill in accordance with Local Government regulations.
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7. Handling and Storage

Precautions for safe handling:	No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur.
Conditions for safe storage:	No special precaution necessary.

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8. Exposure Controls/Personal Protection

National Exposure standards:	NA
Biological Limit Values:	No biological limit values available for this product.
Engineering Controls:	Not ordinarily required other than following normal "good use practices" for when using water based paint products.
Respiratory Protection:	Not ordinarily required.
Eye Protection:	Not ordinarily required. Safety goggles or splash mask are optional.
Hand Protection:	Not ordinarily required. Gloves are optional.
Body Protection:	Wear normal clothing covering arms and legs to reduce contact with skin.
Other:	Supervision of children is recommended as staining of fabrics and surfaces may occur.

9. Physical and Chemical Properties

Appearance:	Coloured liquid
Colour:	All colours
Odour:	Odourless
Melting Point:	NA
Boiling Point:	NA
Solubility in Water (g/l):	Yes
Flash Point:	NA
Flammability	Not Flammable

10. Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Watercourse contamination
Incompatible Materials:	Not known
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur

11. Toxicological Data

Acute Toxicology:	
Inhalation -	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.
Ingestion -	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of small ingestion.
Skin -	No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of skin exposure. May stain for short period.
Eye -	Not known. May irritate the eyes.
Chronic Effects -	Not known.
Genetic Toxicology:	NA
Reproductive Toxicology:	NA

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12. Ecological Information

Ecotoxicity:	Avoid discharge into waterways.
Persistence and degradability:	No information available for this product.
Mobility:	No information available for this product.
Environmental Fate:	Avoid contaminating waterways.
Bioaccumulative Potential:	No information available for this product.

13. Disposal Considerations

Waste Disposal:	Follow Local Government regulations for disposal of the waste. Avoid discharge into stormwater drains, sewers and waterways, contact the Local authorities if this occurs.
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14. Transport Information

Transport information New Zealand:	No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur.
UN Number:	NA
Proper Shipping Name:	Water based art paint
DG Class:	NA
Hazchem Code:	NA
Packing Group:	NA

15. Regulatory Information

Hazard Classifications New Zealand:	Not Hazardous
Toxic Substance Schedule:	NA

16. Other Information

Revision Date:	SDS Reviewed February 2019
Legend to abbreviations and Acronyms:	NA = Not Applicable C = Celcuis
Literature References:	No data available
Sources for Data:	No data available

Disclaimer

"This technical information is given in good faith, based on our experience and tests. However, subject to any implied terms, conditions, or warranties imposed by the Consumer Guarantees Act 1993 the recommendations and suggestions herein are made without guarantee, as application conditions are out of our control. Adequate tests should be made to ensure product or recommendations suitability".

"There shall be no right of redress against the manufacturer under the Consumer Guarantees Act 1993 in respect of goods which fail to comply with any express guarantees made by the manufacturer in relation to the information contained herein where the goods have failed for reasons beyond the control of the manufacturer".

"Nothing in the Consumer Guarantees Act 1993 relating to any express guarantees made by the manufacturer in relation to the information contained herein shall apply where the purchaser of the goods will use those goods for business purpose or any other purpose which is not a domestic purpose".