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



Safety Data Sheet

Water Soluble Dye

1. Identification of Material and Supplier

Product Name: Water Soluble Dye
Product Code: WD
Other Names: Food Colouring, Painting dye
Recommended Use: Concentrated water based painting dye in powder 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 miscible powder binders 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

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| 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

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| 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. |
|-----------------------|---|

7. Handling and Storage

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| 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

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| 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

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|----------------------------|-----------------|
| 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

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| 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

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|--------------------------------|--|
| 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

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| 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

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|------------------------------------|---|
| 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

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

16. Other Information

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|---------------------------------------|------------------------------------|
| 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".

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"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".