

Safety Data Sheet

LANSCAPES DYES for Wool & Silk (Assorted Colours)

1.0 IDENTIFICATION

Product Name: Landscapes Dyes

Recommended Use: Acid dyes propriety blend for colouration of textiles.

Supplier: Kraftkolour P/L
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THOMASTOWN VIC 3074

Telephone: +61 (3) 94654865

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UK

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2.0 HAZARDS IDENTIFICATION

Hazard Classification: *Hazardous according to the criteria of NOHSC (Worksafe Australia).*

Some colours/dye powders contained in "Landscapes Dyes" may cause respiratory or skin sensitization in some individuals. Avoid inhalation, eye & skin contact.

1.1 GHS Classification

Skin irritation (Category 2) Eye irritation (Category 2) Skin Sensitisation (Category 1)
Specific target organ toxicity - single exposure (Category 3)

1.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H316

H317

Causes mild skin irritation

May cause an allergic skin reaction.

H320	Causes eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
Precautionary statement(s)	
Prevention	
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 P271 P272 P280	Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/ eye protection/ face protection.
Response P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/ physician if you feel unwell.
P321	Specific treatment (see supplemental first aid instructions on this label).
P333 + P313 P337 + P313 P362	If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.
Storage P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
Disposal P501	Dispose of contents/ container to an approved waste disposal plant.

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation: Mixture of Acid Dyes and pH buffers/salt.

Components:	CAS No	Quantity
Mono Ammonium Phosphate	7722-76-1	< 65%
Sodium Sulphate	7757-82-6	< 30%
Acid Dye, Assorted Colours (other than Currawong)		< 25%
Acid Dye, Currawong only		<35%
Dedusting Additives (Oil)		< 1%

Depending on colour - ANTHRAQUINONE DYE, AZO DYE, XANTHRENE DYE, METALCOMPLEX DYE, ARYL METHANE DYE or PHTHALOCYANINE DYE.

4.0 FIRST AID MEASURES

Health Effects of Chronic Overexposure: The toxicological properties of this material have not been fully investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation or ingestion.

First Aid:

If swallowed: Wash mouth out with water and give plenty of water to drink.

If in eyes: Immediately flush eye(s) with copious amounts of water for at least 15 minutes, holding eyelids open. Take care not to rinse contaminated water into the non affected eye. Seek medical attention immediately.

If on skin: Remove all contaminated clothing. Wash affected area gently and thoroughly with soap and water for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention.

If inhaled: Remove the source of contamination or move victim to fresh air. Seek medical attention immediately.

Advice to Doctor: Treat symptomatically and supportively

If swallowed : Avoid ingestion, Not to be taken. May cause vomiting and nausea.

If in eyes : May irritate the eyes

If on skin : May cause irritation or sensitisation of the skin

If inhaled : May cause respiratory irritation or sensitisation **Advice**

to Doctor : Treat symptomatically and supportively.

5.0 FIRE FIGHTING MEASURES

Extinguishing Media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, chemical powder).

Special Fire Fighting Procedures: Wear self contained breathing apparatus in pressure demand and full protective gear. Dispose of extinguishing water in accordance with local regulations.

Fire/Explosion/Decomposition Hazards: Irritating and highly toxic gases may be generated by thermal decomposition or combustion. Dedusting of powder dyes is carried out for industrial health reasons, but the risk of dust explosion is always possible when fairly large quantities are being processed. No hazardous decomposition products if the product is correctly processed. **Hazchem Code:** NA

Flammability: Not flammable or combustible under normal conditions.

6.0 ACCIDENTAL RELEASE MEASURES

Spillage or Leak Procedures: Heed advice under Personal Protection. Avoid generating dust. Remove ignition sources. Wear suitable protective equipment used for handling precautions. Provide sufficient ventilation. Contain with dust binding materials and place in a sealed, clearly labelled container for disposal in accordance with local regulations.

7.0 HANDLING AND STORAGE

Advice on Safe Handling: Heed advice under "Personal Protection". Breathing must be protected by using a dust mask when large quantities are decanted without local exhaust ventilation. Prevent skin and eye contact. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Advice on Storage: Store in a well ventilated, cool, dry sheltered place and out of direct sunlight. Store away from foodstuffs and drinks, strong acids, bases and oxidisers. Protect from elevated temperatures above 60C and moisture. Keep containers tightly closed at all times. Store in clearly labelled containers.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: No exposure standard allocated for this particular product, however we recommend TLV 10mg/m³ for nuisance dust.

Engineering Controls: Maintain air concentrations below recommended exposure standards. Keep containers closed when not in use. Use local exhaust ventilation.

Personal Protection: Use good industrial hygiene. If risk of inhalation exists, wear respirator meeting the requirements of HSG53. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and protective equipment before storing or re-using. To avoid skin contact we recommend use Nitrile or Neoprene gloves complying with EN420. Chemical goggles or safety glasses with side shield protection complying with BS1731 should be worn to protect eyes. The use of plastic apron, sleeves, overalls and rubber boots are recommended.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Various coloured powder
Odour	Mild Odour
Melting Point .C	N/A
Freezing Point .C	N/A
Bulk Density	Various
Relative Density	N/A
Thermal decomposition	> 150 °C
Solubility in Water	20-60g/Ltr @ 20°C
pH Value	5-7 (10% solution)
Stability	Stable under normal temperatures and pressures

10.0 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: Food and drink, heat, moisture.

Incompatible Materials: Strong acids, bases and oxidisers, moisture.

Hazardous Decomposition Products: Irritating and highly toxic gases may be generated by thermal decomposition or combustion. Dedusting of powder dyes is carried out for industrial health reasons, but the risk of dust explosion is always possible when fairly large quantities are being processed. No hazardous decomposition products if the product is correctly processed. Hazardous polymerisation will not occur

Hazardous Reactions: None if stored and handled according to this MSDS.

11.0 TOXICOLOGICAL INFORMATION

Acute Oral LD50: Oral LD50 (Rat): >2000 mg/Kg (Estimate ONLY, *considering blend components.*) The toxicological properties of this material have NOT been fully investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation or ingestion.

Health Effects of Acute Overexposure:

SWALLOWED- If swallowed may cause nausea, stomach cramps and/or vomiting. Generally expected to have low oral toxicity. **EYE-** May be an eye irritant.

SKIN- May cause sensitisation by skin contact. ***Skin sensitization may result in responses such as hives or exzema.*** Should an individual become sensitized a Doctor should be consulted and all contact with this dye should cease

INHALED- Inhalation of dust may result in respiratory irritation. ***Some acid dyes have been associated with respiratory sensitisation or allergy. This may result in wheezing shortness of breath, asthma, requiring immediate medical attention.*** Once an individual has become sensitised a Doctor should be consulted and all contact with this dye should cease.

12.0 ECOLOGICAL INFORMATION

Environmental/Ecological Effects: Take all necessary precautions to prevent from entering sewers and waterways. Large quantities may cause long-term adverse effects in the aquatic environment.

Persistence, Degradability and Mobility: Not available.

Aquatic, Air or Soil Environmental Hazards: LC50 : >100mg/l (96hr) Behavior in treatment plants : No inhibition. No nitrification inhibition known. Product does not add to the AOX-value of the sewage.

The figures above are only approximate and may vary depending on the colour.

13.0 DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with local regulations by a registered chemical disposal company. Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14.0 TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road or Rail and the New Zealand NZS5433: Transport of Dangerous Goods on Land.

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air

15.0 REGULATORY INFORMATION

Regulatory Information: All components are listed on the AICS (Australian Inventory of Chemical Substances). TSCA Inventory status – Listed. EC Number – Not Listed.

Additional Information: NA

Special Precautions/Comments: Refer "Personal Protection" above.

Data Sources/References: Supplier – Material Safety Data Sheet.

Abbreviations: (N/A, NOT APPL. = Not Applicable)

Last Revised: March 2019

16.0 OTHER INFORMATION

Reason for issue: Format change

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Kraftkolour P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kraftkolour P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization, given or implied, to practise any patented invention without a valid license.

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END of SDS