



Kraftkolour Pty Ltd  
Factory 2, 99 Heyington Ave  
THOMASTOWN Vic 3074  
Tel: 1300 720 493  
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## Safety Data Sheet

### SUN DYES– Various colours

#### 1. IDENTIFICATION OF THE CHEMICAL / MIXTURE AND THE SUPPLIER

**Product Name:** SUN DYES – assorted colours

**Recommended Use:** Textile printing/painting auxiliary.

**Supplier:**

**Company:** KRAFTKOLOUR Pty. Ltd.

**Street Address:** F2, 99 Heyington Ave

THOMASTOWN VIC 3074 Australia.

ABN: 85 007 291 303

**Telephone:** +61 (0)3 9465 4865

**Facsimile:** n/a

**E-mail:** [info@kraftkolour.com.au](mailto:info@kraftkolour.com.au)

**Emergency Numbers:** (Mon – Fri, 8am – 5pm) +61 (0)3 9465 4865

#### 2. HAZARDS IDENTIFICATION

**NON-HAZARDOUS CHEMICAL / NON-DANGEROUS GOODS**  
according to criteria of Safe Work Australia / ADG Code

#### GHS

##### CLASSIFICATION

**Hazard Class/Category:** None allocated.

##### LABEL ELEMENTS

**Symbols:** None allocated.

**Signal Word:** None allocated.

**Hazard Statements:** None allocated.

##### Precautionary Statements:

Prevention – None allocated.

Response – None allocated.

Storage – None allocated.

Disposal – None allocated.

##### OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:

Contains Biocide: 1,2 Benzisothiazol-3(2H)-one (CAS 2634-33-5) which may cause skin sensitisation in some individuals.

**ADG 7**

**Class:** None allocated.

**Subsidiary Risk 1:** None allocated.

**Packing Group:** None allocated.

**IERG:** None allocated.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Characterisation: Pigmented aqueous complex blend of binders and additives.

<b>INGREDIENTS:</b>	<b>PROPORTION</b>
RESIN BINDER	25-30%
PIGMENT COLOURS:	
WHITE:	25-30%
BLACK:	6-8%
COLOURS:	2-8%
EMULSIFIER	<1%
SOFTENER	<2%
pH CONTROL AGENT	<1%
ANTIFOAM	<1%
BIOCIDE	<0.5%
WATER	50 - 85%

**4. FIRST AID MEASURES****DESCRIPTION OF NECESSARY MEASURES ACCORDING TO ROUTES OF EXPOSURE**

1st aid responders should consider the use of PPE described in Section 8 to ensure that they do not become a casualty.

**Scheduled Poisons:** Poison Information Centres in each state capitol city can provide additional assistance.  
Telephone: AUSTRALIA - 13 11 26.

**Inhalation:** If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air.  
Seek medical attention if effects persist.

**Skin Contact:** Remove all contaminated clothing immediately (launder before re-use). Thoroughly wash contaminated skin with plenty of water and soap, or other non-irritating cleansing agents. Seek medical attention if irritation develops.

**Eye Contact:** Contamination of the eyes must be treated by thorough irrigation with water for at least 15 minutes, with the eyelids held open.  
A doctor (or eye specialist) should be consulted if irritation develops.

**Ingestion:** Rinse mouth immediately and then drink plenty of water.  
Seek medical attention if you feel unwell.

**First Aid Facilities:** No specific requirements.

**SYMPTOMS CAUSED BY EXPOSURE**

**Inhalation:** Breathing vapours/fumes may cause coughing and transient shortness of breath.

**Skin Contact:** May cause temporary itching and dryness of skin.

**Eye Contact:** May cause temporary discomfort and redness.

**Ingestion:** May cause gastro-intestinal discomfort, nausea, vomiting.

**MEDICAL ATTENTION AND SPECIAL TREATMENT**

Treat symptomatically; no special treatment or antidote.

## 5. FIRE-FIGHTING MEASURES

### SUITABLE EXTINGUISHING EQUIPMENT

Water spray, Foam, Dry powder, CO<sub>2</sub>.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

None known.

### SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Hazchem Code: None assigned.

Fire-fighters should wear protective boots, overalls, gloves and goggles.

Fire-fighters are advised to wear self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Persons responding to accidental release or spills of this product are advised to wear PPE as given in Section 8. CAUTION! Slippery when spilt. Prevent entry by non-essential personnel to area.

### ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter drains or waterways. Advise authorities if such an event occurs.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Contain the spill, using bunding if required. Cover/plug drains if necessary. For large spills, pump off if possible.

Place inert absorbent (sand, dirt or vermiculite) on the spilled product.

Transfer to suitable, labelled, sealable containers by mechanical means (eg: shovel). Wash away residue with water. Do not flush into drains or waterways.

Dispose of collected product in accordance with instructions in section 13. Do not use sewer for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Wash hands after use and before eating, drinking, smoking or using toilet.

Remove contaminated clothing & protective equipment before entering eating areas.

Observe the usual precautionary measures required for the safe handling of liquid chemicals.

Wear personal protective equipment as given in Section 8 of this SDS. Avoid inhalation of vapours/fumes/mists.

### CONDITIONS FOR SAFE STORAGE

Keep containers tightly closed and in a cool place. Protect from extremes of temperature. Store between 5°C and 30°C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### CONTROL PARAMETERS

Avoid breathing vapours or aerosols.

#### Exposure Standards

Occupational Exposure Limits For This Product	TWA		STEL		BL	Notices
	p	m	p	m		
<b>No exposure standards allocated.</b>	X	X	X	X	X	X

TWA – the Time Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL - (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal, eight-hour, working day. According to current knowledge, these concentrations should neither impair the health of, nor cause undue discomfort to nearly all workers.

BLV - Biological Limit Value.

These exposure standards are guides to be used in the control of occupational health hazards.

All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

#### Biological Monitoring

No biological monitoring required.

#### ENGINEERING CONTROLS

Maintain air concentration below occupational exposure standards, using engineering controls if necessary..

Provide local exhaust ventilation if general ventilation is insufficient.

Engineering controls, such as provision of local exhaust ventilation or containment, should always be implemented before personal protective equipment is necessary.

#### PERSONAL PROTECTIVE EQUIPMENT



**Eye / Face Protection:** Wear safety glasses with side shields or chemical goggles.

**Respiratory Protection:** None required under normal conditions of use.

Wear an approved respirator if engineering controls are not effective in controlling airborne exposure.



**Gloves:** Impermeable protective gloves must be chosen according to the function of the work station



**Clothing:** Choose body protection according to the amount and concentration of the hazardous chemical at the work place. Consideration must be given to durability as well as permeation resistance

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Various colours, Liquid
<b>Odour:</b>	mild odour
<b>Odour Threshold:</b>	Not available.
<b>pH:</b>	8.0 - 9.5 (undiluted).
<b>Freezing Point:</b>	Not available.
<b>Boiling Point /Boiling Range:</b>	> 95°C
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Flammability:</b>	Not flammable.
<b>Flammability Limits:</b>	Not applicable.
<b>Vapour Pressure:</b>	Not available.
<b>Vapour Density:</b>	Not available.
<b>Density:</b>	Not available.
<b>Solubility:</b>	Not available.
<b>Ignition Temperature:</b>	Not available.
<b>Auto-Ignition Temperature:</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

- Reactivity:** Will not react or polymerise if stored and handled according to instructions.
- Chemical Stability:** Stable under normal ambient and anticipated storage and handling conditions.  
No thermal decomposition when stored and handled correctly.
- Possibility of Hazardous Reactions:** Will not react or polymerise if stored and handled according to instructions.
- Conditions to Avoid:** None known.
- Incompatible Materials:** None known.
- Hazardous Decomposition Products:** No hazardous decomposition products if stored & handled as instructed.

## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGY

#### Acute Toxicity –

##### Oral

*Product* : ORAL LD50 (rat) > 3,000 mg/kg.

##### Inhalation

*Product* : No data available.

*Ingredients*: No data available.

##### Dermal

*Product* : No data available.

*Ingredients*: No data available.

#### Skin Corrosion/Irritation –

*Product* : Not a skin irritant.

#### Serious Eye Damage/Irritation –

*Product* : Not an eye irritant.

#### Respiratory or Skin Sensitisation –

*Product* : Not a skin sensitiser.

#### Germ Cell Mutagenicity –

*Product* : No data available.

*Ingredients*: No data available.

#### Carcinogenicity –

*Product* : No data available.

*Ingredients*: No data available.

#### Reproductive Toxicity –

*Product* : No data available.

*Ingredients*: No data available.

#### STOT; Single Exposure –

*Product* : No data available.

*Ingredients*: No data available.

#### STOT; Repeated Exposure –

*Product* : No data available.

*Ingredients*: No data available.

#### Aspiration Hazard –

*Product* : No data available.

*Ingredients*: No data available.

#### Other Data

The product has not been tested.

Data/statements are calculated/derived from the toxicological properties of the ingredients.

## 12. ECOLOGICAL INFORMATION

**Fish Toxicity:** LC50 (96 hours) >

450mg/l. **Invertebrate Toxicity:**

LC50 (48 hours) > 90mg/l. **Algae**

**Toxicity:** No data available.

**Bacteria Toxicity:** No data available.

### PERSISTENCE AND DEGRADABILITY

Biodegradation is calculated at >90%; product is easily eliminated and is biodegradable.

### BIOACCUMULATIVE POTENTIAL

No data available.

### MOBILITY IN SOIL

No data available.

### OTHER ADVERSE EFFECTS

No data available.

### OTHER DATA

The product will not add to the AOX-value of the sewage.

The product does not contain heavy metals in concentrations of concern for waste water.

The product has not been tested.

Data/statements are calculated/derived from the ecotoxicological properties of the ingredients.

## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

All persons conducting reclamation, recycling or disposal activities with this material should refer to Section 8 of this SDS for information on exposure controls and required PPE.

Containers for disposal should be constructed of similar material to the original containers, if possible.

Use metal, polypropylene or polyethylene containers if unsure.

Do not use un-lined metal containers if material is corrosive to metals.

Consult Sections 7, 10 and 14 for further information in order to determine suitable containers.

If utilisation or recycling of product is not possible, it should be disposed of, in accordance with local regulations and laws, e.g. at an authorised incineration plant or special waste disposal site. Do not use sewer for disposal.

### CONTAMINATED PACKAGING

Contaminated packaging should be emptied as much as possible and may be re-used after appropriate cleaning with water and soap/detergent. Packaging that cannot be cleaned should be disposed of as for the product.

### ENVIRONMENTAL REGULATIONS

No data available.

## 14. 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 of 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. REGULATORY INFORMATION

All the constituents of this chemical are listed on the Australian Inventory of Chemical Substances (AICS).  
Poisons Schedule (SUSDP): Not a scheduled poison.

## 16. OTHER INFORMATION

Prepared in accordance with:  
Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice [SWA: February 2016].

**Date of Revision:** 20/02/2018

This SDS summarizes 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 practice any patented invention without a valid license.

Kraftkolour Pty Ltd. shall not be responsible for any damage or injury resulting from: abnormal use of the chemical; any failure to adhere to recommendations; any hazards inherent in the nature of the chemical. Kraftkolour Pty Ltd expressly disclaims that the SDS is a representation or guarantee of the chemical specifications for the product.

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