SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

PROCION MX DYES: ASSORTED COLOURS

1.2 Other means of identification

Fibre Reactive dyes – COLD type.

1.3 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Textile dye

1.4 Details of the supplier of the safety data sheet

Company: KRAFTKOLOUR Pty. Ltd.
Factories 2, Heyington Ave
THOMASTOWN VIC 3074 AUSTRALIA

Telephone: +61 03 9465 4865 (1300 720 493)
Fax: +61 -

1.5 Emergency telephone number

Emergency Phone:

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

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

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Warning

Hazard statement(s)
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
Precautionary statement(s)

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.
P313  Specific treatment (see supplemental first aid instructions on this label).
P312  If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention.
P321  Take off contaminated clothing and wash before reuse.
P362  Store in a well-ventilated place. Keep container tightly closed.

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. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms: Fibre Reactive Dyes

An Azo, Oxazine, Formazine, Disazo, Monoazo or Copper Phthalocyanine Reactive Dyestuff preparation with simple salt diluents and stabilising agents. Reactive Dye type: Dichlorotriazine dyes and mixtures.

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Various Fibre Reactive Dyes of the Dichlorotriazine type and their mixtures.</td>
<td>Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3; H315, H317, H319, H335</td>
<td>various</td>
</tr>
</tbody>
</table>

*List of homogeneous dyes & Cas # below

<table>
<thead>
<tr>
<th>COLOUR</th>
<th>CAS No.</th>
<th>COLOUR INDEX No.</th>
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<tbody>
<tr>
<td>YELLOW MX8G</td>
<td>61951-86-8</td>
<td>YELLOW 86</td>
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<tr>
<td>YELLOW MX4G</td>
<td>12226-49-2</td>
<td>YELLOW 22</td>
</tr>
<tr>
<td>GOLD YELLOW MXR</td>
<td>12270-91-6</td>
<td>YELLOW 44</td>
</tr>
<tr>
<td>YELLOW MX3R</td>
<td>12270-78-9</td>
<td>ORANGE 37</td>
</tr>
<tr>
<td>ORANGE MX2R</td>
<td>12225-82-0</td>
<td>ORANGE 4</td>
</tr>
<tr>
<td>RED MX5B</td>
<td>12226-03-8</td>
<td>RED 2</td>
</tr>
<tr>
<td>RED MX8B</td>
<td>12226-08-3</td>
<td>RED 11</td>
</tr>
<tr>
<td>PINK MXB</td>
<td>12270-82-5</td>
<td>RED 74</td>
</tr>
<tr>
<td>MAGENTA MXB</td>
<td>12270-87-0</td>
<td>VIOLET 13</td>
</tr>
<tr>
<td>VIOLET MXRA</td>
<td>12237-11-5</td>
<td>VIOLET 12</td>
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<tr>
<td>BLUE MXR</td>
<td>13324-20-4</td>
<td>BLUE 4</td>
</tr>
<tr>
<td>NAVY MX3R</td>
<td>12225-37-5</td>
<td>BLUE 9</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

4.1 Description of first aid measures General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Sodium oxides

5.3 Advice for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information
no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)
A part from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters Occupational Exposure Limits
We are not aware of any national exposure limit.

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
a) Appearance Form: Solid, Various Colours – Powder or Granular
b) Odour no data available
c) Odour Threshold no data available
d) pH no data available
e) Melting point/freezing point no data available

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity no data available
10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
no data available

10.4 Conditions to avoid
no data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Other decomposition products - no data available In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects Acute oral toxicity: LD50 > 2000 mg/kg (rat)

11.2 Acute inhalation toxicity : not determined

11.3 Acute dermal toxicity : not determined

11.4 Irritant effect on skin : no data available

11.5 Irritant effect on eyes : no data available

11.6 Sensitization : In the guinea-pig the product has a sensitising effect (OECD 406)

11.7 Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

11.8 Reproductive toxicity no data available

11.9 Specific target organ toxicity - single exposure: Inhalation - May cause respiratory irritation.

11.10 Specific target organ toxicity - repeated exposure no data available

11.11 Aspiration hazard no data available

11.12 Additional Information RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have NOT been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Fish Toxicity : LC50 : > 60mg/l (96hr)
Daphnia toxicity : EC0 > 80mg/l (48 h, Daphnia magna)
Algae toxicity : ErC50 > 12mg/l
Bacteria toxicity : EC50 > 1,000 mg/l

The product has not been tested and the figures above are only approximate and may vary depending on the colour. Figures derived from products containing similar components.

12.2 Persistence and Degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects no data available

13 DISPOSAL CONSIDERATIONS

Waste treatment methods Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed
professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**
Dispose of as unused product.

### 14 TRANSPORT INFORMATION

#### 14.1 UN number
ADR/RID: -  
IMDG: -  
IATA-DGR: -

#### 14.2 UN proper shipping name
ADR/RID: Not dangerous goods.  
IMDG: Not dangerous goods.  
IATA-DGR: Not regulated. Not dangerous goods

### 15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

**Standard for the Uniform Scheduling of Medicines and Poisons:** no data available

**Carcinogen classification under WHS Regulation 2011, Schedule 10:** Not listed

**AICS:** On the inventory, or in compliance with the inventory

### 16 OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

*Eye Irrit.*  
Eye irritation  
H315  
Causes skin irritation.  
H317  
May cause an allergic skin reaction.  
H319  
Causes serious eye irritation.  
H335  
May cause respiratory irritation.  
Skin Irrit.  
Skin irritation  
Skin Sens.  
Skin sensitisation

**Further information**

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.

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**ISSUE DATE:** 4th May 2017  
KRAFTKOLOUR P/L (03) 9460 6432