

## 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 : CRAFT EXPOLSION P/L trading as KRAFTKOLOUR  
Factory 2, Heyington Ave  
THOMASTOWN VIC 3074 AUSTRALIA

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

#### 1.5 Emergency telephone number

Emergency Phone : 03 9465 4865

POISON INFORMATION CENTRE: 13 11 26 (Australia)

### 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

H317

H319

H334

H335

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause respiratory irritation.

Precautionary statement(s)

P260 P261 P264 P271 P272 P280	Do not breathe dust/fumes/gas/mist/vapours/spray. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. 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 P333 + P313 P337 + P313 P362	Specific treatment (see supplemental first aid instructions on this label). 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. 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.

Component	Classification	Concentration
<b>Various Fibre Reactive Dyes of the Dichlorotriazine type and their mixtures.</b> <b>*List of homogeneous dyes &amp; Cas # below</b>	Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3; H315, H317, H319, H335	various

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

<b>COLOUR</b>	<b>CAS No.</b>	<b>COLOUR INDEX No.</b>
DEEP BLUE MX2R	61901-79-9	BLUE 81
TURQUOISE MXG	71872-74-7	BLUE 140
BLUE MXG	72847-56-4	BLUE 163
BLUE MX4GD	72847-57-5	BLUE 168
BLUE MX2G	61951-75-6	BLUE 109
DEEP BLACK RGB	17095-24-8	BLACK 5

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### **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 (NO<sub>x</sub>), 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. Skin Irrit.:Skin irritation. Skin Sens.:Skin sensitisation

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

#### **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. Craft Explosion 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. Craft Explosion 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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