



Kraftkolour
 Factory 2, 99 Heyington Ave
 THOMASTOWN Vic 3074
 Tel: 1300 720 493
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SAFETY DATA SHEET

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

1.1 Product identifiers

REMAZOL REACTIVE DYES: ASSORTED COLOURS

1.2 Other means of identification

Vinyl Sulphone Reactive dyes

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 Explosion P/L t/a KRAFTKOLOUR
 2, Heyington Ave
 THOMASTOWN VIC 3074 AUSTRALIA

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

1.5 Emergency telephone number

Emergency Phone : 03 9465 4865 or Poison Information Centre 13 11 26

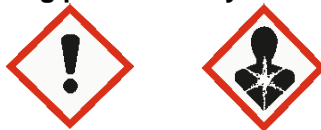
2. HAZARDS IDENTIFICATION

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 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 : Remazol Reactive Dyes

Reactive Yellow 160	Yellow 4GL	129898-77-7
Reactive Yellow 37	Yellow GL / Yellow GLN	12237-16-0
Reactive Orange 107	Yellow RNL	12225-83-1
Reactive Orange 16	Orange 3R	12225-83-1
Reactive Red 21	Red BB	11099-79-9
Reactive Red 198	Red RB	78952-61-1
Reactive Red 180	Red F3B	72828-03-6
Reactive Red 174	Red 6B	77907-36-9
Reactive Red Mixture	Red GFW	Mixture
Reactive Violet 5	Violet 5R	12226-38-9
Reactive Blue 21	Turquoise Blue G	12236-86-1
Reactive Blue 220	Turquoise GW	128416-19-3
Reactive Blue 19	Blue R Special	2580-78-1
Reactive Blue 27	Brill Blue B	20640-71-5
Reactive Blue 220	Blue BB	128416-19-3
Reactive Green 38	Green 6B	12236-90-7
Reactive Blue 89	Navy R	61968-98-7
Reactive Blue 203	Navy GG	147826-71-9
Reactive Brown 18	Brown GR	12225-73-9
Reactive Black 5 Mix	Deep Black N	>70% 17095-24-8
Reactive Black 5	Black B	17095-24-8
Reactive Black Mixture	Deep Black RGB	>70% 17095-24-8

Component	Classification	Concentration
Various Vinyl Sulphone Dyes	Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3; H315, H317, H319, H335	various

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_x), 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 > 2.000 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 100 mg/l (96 h, Brachydanio rerio)
Daphnia toxicity : not determined
Algae toxicity : not determined
Bacteria toxicity : EC50 350 mg/l (activated sludge micro-organism)
- 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. 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.

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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