

SAFETY DATA SHEET

8727225 BLUE C5



Material no.		Version	1.3 / AU
Specification	146913	Revision date	13.09.2012
VA-Nr		Print Date	15.10.2012
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product information

Trade name	:	8727225 BLUE C5
Company	:	Chromaflo Technologies Australia Pty Ltd 30, Commercial Drive Dandenong, Vic. 3175 Australia
Telephone	:	+61 3 9703-8888
Telefax	:	+61 3 9703-8890
Emergency telephone number	:	+61 3 9703-8888 (BH)
Use of the Substance / Preparation	:	A dispersed liquid pigment colourant preparation for use in aqueous media.

2. HAZARDS IDENTIFICATION

This material is non-hazardous according to criteria of Australian Safety and Compensation Council (ASCC).
Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- **Diethylene glycol** < 10%
CAS-No. 111-46-6
Xn R22
- **Ingredients determined not to be hazardous** > 60%
CAS-No.

See section 16 for text of risk phrases

4. FIRST AID MEASURES

Inhalation

Provide fresh air, seek medical advice if necessary.

Skin contact

Wash with plenty of water and seek medical attention if irritation develops.
Remove and wash contaminated clothing before re-use.

Eye contact

Rinse immediately with plenty of water for at least 15 minutes.
If symptoms persist, call a physician.

Ingestion

Do not induce vomiting.
Clean mouth with water and drink afterwards plenty of water.
If symptoms persist, call a physician.

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Notes to physician

Symptomatic treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

The product itself is not flammable; adapt fire-extinguishing measures to surroundings

Hazards from combustion products

Although the material is not combustible, poisonous fumes develop on contact with fire. The remnants from a fire may have catalyst qualities and promote the renewed catching fire of inflammable materials and vapours.

Precaution for fire fighters and special protective equipment

wear a self contained respiratory apparatus

Hazchem code

not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with the skin and the eyes.

Always wash hands before breaks and at the end of work.

Handle in accordance with good industrial hygiene and safety practices.

Environmental precautions

Prevent material from entering drains and/or water ways.

Methods for cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Handling

Safe handling advice

Observe the rules usually applicable when handling chemicals.

Advice on protection against fire and explosion

No special protective measures against fire required.

Storage

Requirements for storage areas and containers

To maintain product quality, do not store in heat or direct sunlight.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage stability

Storage temperature

0 - 50 °C

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Biological limit values

No biological limit allocated.

Components with workplace control parameters

- **Diethylene glycol**

CAS-No.	111-46-6
Control parameters	23 ppm 100 mg/m ³

Time Weighted Average (TWA): (AU OEL)

Engineering measures

Provide adequate ventilation.

Personal protective equipment

Respiratory protection

In the case of dust or aerosol formation use respirator with an approved filter.

Skin Protection

Avoid contact with skin, eyes and clothing.

For prolonged or repeated contact use protective gloves.

Eye protection

In case of danger of splashes of product:

Wear safety glasses with side shields.

Skin and body protection

A safety shower and eye wash fountain should be readily available.

To identify additional Personal Protective Equipment requirements, it is recommended that a hazard assessment be conducted before using this product.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	viscous liquid
Colour	blue
Odour	slight

Safety data

pH	ca. 8 - 10
Melting point/range	not applicable
Boiling point/range	> 100 °C
Flash point	not applicable
Ignition temperature	not determined

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Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	ca. 22.7 hPa (20 °C)
Relative density	ca. 1.21
Water solubility	dispersible

10. STABILITY AND REACTIVITY

Conditions to avoid	Keep away from direct sunlight. Protect from freezing.
Incompatible materials	No known incompatibility with other materials.
Hazardous decomposition products	No hazardous decomposition products known.
Hazardous reactions	No dangerous reaction known under conditions of normal use. Chemical stability: Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute / chronic effects	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms which may arise if the product is mishandled are:
Inhalation	Considered not harmful by inhalation due to a low vapour pressure.
Skin	May cause skin irritation.
Eyes	A mild eye irritant, causing temporary discomfort in contact with eyes.
Ingestion	May cause irritation to the mucous membranes of the mouth, throat, and digestive tract. May cause nausea and vomiting.
Chronic exposure	Evidence from animal tests indicate that repeated or prolonged exposure to diethylene glycol could result in liver and kidney damage.
Further toxicological information	No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability	There is no data available for this product.
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Behaviour in environmental compartments

Mobility	There is no data available for this product.
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Ecotoxicity effects

Toxicity to fish	There is no data available for this product.
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13. DISPOSAL CONSIDERATIONS

Product

With respect to local regulations, e.g. deposit in a suitable landfill site or dispose of to suitable waste incineration plant.
Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport/further information

Not dangerous according to transport regulations.

Hazchem code

not applicable

15. REGULATORY INFORMATION

Poison schedule

Not Scheduled

registration

Australia (AICS)	Listed/registered
New Zealand	Listed/registered
Japan (MITI)	Listed/registered
Korea (TCCL)	Listed/registered
China	Listed/registered
Philippines (PICCS)	Listed/registered
USA (TSCA)	Listed/registered
Europe (EINECS/ELINCS)	Listed/registered

16. OTHER INFORMATION

Risk phrase (R phrase) texts

- Diethylene glycol
R22 Harmful if swallowed.

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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