

Safety Data Sheet

Infosafe No™ 5GFDM Issue Date : June 2021 Status : ISSUED

Product Name **CRYSTAL**

Classified as hazardous

1. Identification

GHS Product Identifier CRYSTAL

Company Name Global BioProtect Pty Ltd (ABN 44613529614)

Address 1/297 Ingles Street Port Melbourne
VIC 3207 Australia

Telephone/Fax Number Tel: 1-336-861-0162

Emergency phone number 0411863178 (Aust Chemical Services)

E-mail Address info@bioprotect.bio

Recommended use of the chemical and restrictions on use Window cleaner

2. Hazard Identification

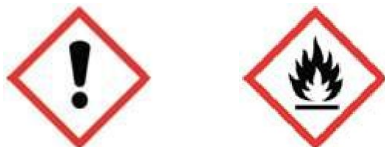
GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Flammable Liquids: Category 3
Eye Damage/Irritation: Category 2A

Signal Word (s) WARNING

Hazard Statement (s) Flammable liquid and vapour.
Causes serious eye irritation.

Precautionary statement – General Keep out of reach of children.

Pictogram (s) Exclamation mark, Flame



Precautionary statement – Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/tools/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash contaminated skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use dry chemicals, CO₂, water spray or alcohol resistant foam for extinction.

Precautionary statement – Storage Store in a well-ventilated place. Keep cool.

Precautionary statement – Disposal Dispose of contents/container to an approved waste facility..

3. Composition/information on ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
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Ingredients	Name	CAS	Proportion
	Ethyl alcohol	64-17-5	<10 %
	Ethanol, 2-butoxy-	111-76-2	<10 %
	Ingredients determined to be non-hazardous at the formulation concentration		to 100%

4. First-aid measures

First Aid Measures	If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.
Inhalation	Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.
Ingestion	Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.
Skin	In the event of an allergic reaction, wash affected area thoroughly with soap and water.
Eye contact	Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.
First Aid Facilities	Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
Advice to Doctor	Treat symptomatically. Show this SDS to the medical practitioner.

5. Fire-fighting measures

Suitable extinguishing media	Small fire: Use dry chemicals, CO2, water spray or alcohol resistant foam. Large fire: Use water spray, water fog or alcohol resistant foam. Use equipment/media appropriate to surrounding fire conditions.
Hazards from Combustion Products	This product is flammable but non combustible. Fumes of decomposition products may be toxic and irritating.
Special Protective Equipment for fire fighters	Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.
Other Information	Flash Point (calculated) 36C (does not support combustion)

6. Accidental release measures

Spills & Disposal	Avoid concentrated spillage from entering drains or watercourse. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.
Personal Protection	Refer to Section 8 of this SDS.
Environmental Precautions	Review local regulations before release to the environment.

7. Handling and storage

Precautions for Safe Handling	When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas.
Additional information on precautions for use	Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. Exposure controls/personal protection

Occupational exposure limit values	SWA exposure limits: None established for this product. Ethyl Alcohol (ingredient) TWA = 1000ppm; 2-Butoxyethanol (ingredient) TWA = 20ppm, STEL = 50ppm (skin)
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Biological Limit Values	None established
Appropriate engineering controls	Keep containers closed when not in use. Provide sufficient ventilation to keep airborne levels below lower explosion limit.
Respiratory Protection	No special precautions required.
Eye Protection	Safety glasses.
Hand Protection	Impervious PVC or rubber gloves should be worn.
Personal Protective Equipment	When repeated exposure is expected use sensible work practices that reduce operator exposure to the product.
Hygiene Measures	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Form	Liquid
Appearance	Clear blue liquid
Odour	Slight ammoniacal
Boiling Point	approximately 100°C
Solubility in Water	Miscible with water
Specific Gravity	0.99 - 1.01 g/ml
pH	9.5 - 11.0
Flammability	Flammable (GHS standard)

10. Stability and reactivity

Conditions to Avoid	Heat, direct sunlight, open flames or other sources of ignition. Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this SDS.
Incompatible Materials	Avoid contact with anionic surfactants (incompatible but no known hazardous reactions).
Possibility of hazardous reactions	This material is stable under normal conditions of storage and use. Flammable product.
Other Information	Store in a cool, dry place

11. Toxicological Information

Ingestion	Swallowing can cause discomfort & irritation, possibly nausea.
Inhalation	The vapour may be an irritant to the mucous membranes and respiratory tract.
Skin	Contact with skin may result in irritation.
Eye	Eye contact may cause stinging, blurring and tearing. A moderate eye irritant.
Skin Sensitisation	Product is not a skin sensitiser.
Health Hazard	No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer.
Chronic Effects	No long-term exposure effects are known.

12. Ecological information

Ecotoxicity	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
Persistence and degradability	No information available.

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13. Disposal considerations

Disposal Considerations Remove for disposal in accordance with local waste management regulations.
Dilute well with water before discharge.

14. Transport information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail or NZS 5433:1999 Transport of Dangerous Goods on Land.

15. Regulatory information

Poisons Schedule Not Scheduled
AICS (Australia) All ingredients listed

16. Other Information

Other Information SDS version: 1
Reason for revision: New product

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

...End Of MSDS...

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