

Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SHIELD CHEMICALS Eco-Shield
Glass Gleam RTU
Codes: SCGGRTU
Application: Glass & Stainless Steel Cleaner

Manufacturer:
LEFT PILLAR Pty Ltd T/A
SHIELD CHEMICALS
ABN: 48 162 239 741
P. O. Box 531, Revesby NSW
2212.
Tel: 1300 519 07

Emergency number Mon-Fri 9am -5pm

2. HAZARDS IDENTIFICATION

The substance is not hazardous according to the
Approved Criteria for Classifying Hazardous
Substances

[NOHSC:1008(2004)]

3rd Edition

Not classified as Dangerous Goods for the purpose of transport by Road or Rail. Refer to relevant regulations for storage and transport requirements.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	PROPORTION %	CAS NUMBER
Ethanol	<3%	64-17-5
Ethylene Glycol mono Butyl Ether	<4%	111-76-2
Non Hazardous ingredients	To 100	Secret

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

For advice contact the Poisons Information Centre (Phone Australia phone 13 1126; New Zealand 0800 764 766) or a doctor.

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

5. FIRE-FIGHTING MEASURES

Flammability Nonflammable. May evolve toxic gases if strongly heated.

Fire and Explosion Nonflammable. No fire or explosion hazard exists.

Extinguishing Nonflammable. Prevent contamination of drains or waterways.

Hazchem Code None Allocated

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution: surfaces may be slippery.

7. HANDLING AND STORAGE

Store in cool, dry, well-ventilated area, removed from acids, combustible materials and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Handling No special handling requirements are necessary

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
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NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Left Pillar Pty Ltd T/A Shield Chemicals PO Box 531 Revesby NSW 2212 Phone 0450 253 442

Email: info@krystalshield.com.au ABN: 48 162 239 741

Page 2 of 6

Eco-Shield Glass Gleam RTU

No value assigned for this material by the National Occupational Health and Safety Commission (Worksafe Australia)

ENGINEERING MEASURES

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and inhaling mists. Use with local exhaust particulate respirator meeting the requirements of AS1715 and AS1716. Do not allow material to dry out.

Keep containers closed when not in use.

PERSONAL PROTECTION EQUIPMENT wear rubber gloves and splash proof chemical goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear blue Liquid

Specific Gravity 0.920-0.950

pH 7-8

Volatiles NOT AVAILABLE

Vapour Pressure
FLAMMABLE

NOT AVAILABLE **Flammability** NON

Vapour Density
RELEVANT

NOT AVAILABLE **Flash Point** NOT

Boiling Point 100°C (Approximately)

Upper Explosion Limit NOT RELEVANT

Melting Point NOT AVAILABLE

Lower Explosion Limit NOT RELEVANT

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid Compatible with most commonly used materials. Incompatible with acids (eg. Hydrochloric acid) and combustible flammable materials.

Hazardous Reactions Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard	Low irritant - low toxicity. No adverse health effects are anticipated with normal use of this product.
Eye	Irritant. Due to product form and nature of use, an eye hazard is not anticipated. However, direct contact may result in irritation, lacrimation and conjunctivitis.
Inhalation	Due to the low vapour pressure of this product, an inhalation hazard is not anticipated with normal use.
Skin	Low irritant. Prolonged or repeated contact may result in mild irritation.
Ingestion	Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation

12. ECOLOGICAL INFORMATION

Environment	This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.
Persistence/ Degradability	This product is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Environment	This product is not anticipated to cause adverse effects to animal or plant life if released.
Waste Disposal	No special precautions are required for the disposal of this product. However, re-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.
Legislation	Dispose of in accordance with relevant local legislation.
Persistence/ Degradability	This product is readily biodegradable.

14. TRANSPORT INFORMATION**NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE**

Shipping Name	None Allocated			
UN No.	None allocated	DG Class	None Allocated	Subsidiary Risk(s)
	None Allocated			
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG None
Allocated				

15. REGULATORY INFORMATION

The substance is not hazardous according to the Approved Criteria for Classifying Hazardous Substances NOHSC 1008 (2004)]
3rd Edition

Not classified as Dangerous Goods for the purpose of transport by Road or Rail. Refer to relevant Regulations for storage and transport requirements

16. OTHER INFORMATION

Date of Preparation:	02/07/2014
Issue date:	02/07/2014
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and
IARC	International Agency for Research on Cancer
R	Risk Phrase
S	Safety Phrase
UN Number	United Nations Number
TWA	Time Weighted Average airborne concentration 8 hour day.
STEL	Short Term Exposure Limit

- Literature references
- Sources for data

Disclaimer:

- A) This MSDS 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. The information is meant to describe Safety Requirements of the product and should not be construed as guaranteeing specific properties. This MSDS is analogous to the data for the principal components of the mixture/compound. No warranty, express or implied, is made as to its accuracy, reliability or completeness.
- B) Each user should read this MSDS, all product labels, 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. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.
- C) We can not accept any liability for any damage or injury caused by the product as it is sold and its use, handling and storage are completely out of our control.