



REFLECTION (ENVIRONMENTAL CHOICE)

SAFETY DATA SHEET VERSION 1.1, 1ST JUNE 2021.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Reflection
 Recommended use: Cleaning glass, windows, mirrors, etc
 Supplier name: Integra Industries Ltd
 Address: 21 A Grosvenor Street, Dunedin
 Email: info@integraindustries.co.nz
 Phone: 0800 667 843
 Emergency Telephone: International: +643 479 7227
 New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE)

2. HAZARD IDENTIFICATION

Hazard Classification: **HAZARDOUS** according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria.
 Signal word: Warning.
 Symbol: None.
 Hazard Categories:
 • Flammable liquids - Category 4.
 Hazard statement/s:
 • H227 Combustible liquid.
 Hazard prevention statement/s:
 • P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 • P280 Wear protective gloves and eye/face protection.
 Hazard response statement/s:
 • P370 + P378 In case of fire, use dry sand, dry chemical or alcohol-resistant foam to extinguish.
 Hazard storage statement/s: P403 Store in a well-ventilated place.
 Hazard disposal statement/s: P501 Dispose of product and packaging in accordance with local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS (Calculation method)

According to GHS, the ingredients below are considered either hazardous or dangerous goods at levels used in this product:

INGREDIENT	CAS No.	PROPORTION (%)
2-BUTOXYETHANOL	111-76-2	5-10%

4. FIRST AID MEASURES

Ingestion: Rinse mouth out with water. Do NOT induce vomiting.
 Eye contact: Flush with water for several minutes. Remove contact lenses. Continue rinsing for at least 15 minutes.
 Skin contact: Wash hands thoroughly after handling.
 Inhalation: Remove from source of exposure to fresh air. Allow the person to rest in a position where they can breathe easily.

5. FIRE FIGHTING METHODS

General measures: Clear fire area of all non-emergency personnel. Stay upwind. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
 Extinguishing media: Dry sand, dry chemical or alcohol-resistant foam.
 Flammability conditions: This product may be combustible.
 Fire and Explosion Hazard: None
 Special fire fighting instructions: Use water spray to cool fully closed containers.
 Hazardous products of combustion: Packaging material may burn to emit noxious fumes.
 PPE: Fire fighters should wear standard PPE.
 HAZCHEM code: None.

6. ACCIDENTAL RELEASE MEASURES

General procedure: Stop leak if safe to do so. Shut off all sources of ignition. Avoid walking through spilled product (slippery).
 Clean up procedures: Flush small spills with plenty of water. For large spills, soak up spilled product using absorbent non-combustible material such as sand or soil. When saturated collect material, transfer to suitable, labelled, dry chemical-waste containers and dispose of promptly as hazardous waste. Wash area down with excess water.
 Evacuation criteria: Evacuate all unnecessary personnel.
 PPE: No specific PPE required for this product.

7. HANDLING AND STORAGE

Handling: Observe good personal hygiene practices and recommended procedures.

Storage: No special instructions.

Container: No special instructions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: No data available.

Biological limit values: No data available.

Engineering controls: None required for this product.

PPE: Recommend safety glasses, gloves and safety shoes a minimum when handling bulk chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: Liquid.

APPEARANCE: Clear.

COLOUR: Blue.

ODOUR: Ether-like.

pH: 7.5 – 8.5.

DENSITY: No data available.

VAPOUR PRESSURE: No data available.

VAPOUR DENSITY: No data available.

BOILING POINT: No data available.

FREEZING POINT: No data available.

SOLUBILITY: Complete in water

SHELF LIFE: 2 years from date of manufacture (when stored as directed).

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Heat and flames.

Materials to avoid: None.

Hazardous decomposition: Packaging may evolve toxic gases when burning.

Hazardous polymerisation: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

Ingestion: May cause temporary nausea and discomfort.

Dermal: May cause temporary irritation. Rinse with clean water.

Inhalation: No risk.

Eye contact: May cause temporary irritation. Rinse with clean water.

Carcinogenicity: No information available.

Mutagenicity: No information available.

Reproductive: No information available.

Target organ: No information available.

Long term: No risk.

12. ECOLOGICAL INFORMATION

Persistence/Degradability: Readily Biodegradable.

Mobility: High water solubility and mobility.

Bioaccumulation potential: No information available.

Environmental impact: This product is not harmful to the environment.

Environmental fate: Do not discard bulk product into sewer, streams or storm water systems.

13. DISPOSAL CONSIDERATIONS

General information: Product is extremely diluted and poses no risk if used as directed.

Special precautions for landfill: None

14. TRANSPORT INFORMATION

NOT classified as Dangerous Goods by the by the NZ Transport Agency - Land Transport Rule (2005).

15. REGULATORY INFORMATION

Country/ region: New Zealand

Status: Classified as Hazardous according to GHS.

HSNO classifications: 3.1D

Group standard: HSR002525 – Cleaning Products (Combustible) Group Standard 2020.

16. OTHER INFORMATION

SDS issue number: 1.0 - This issue number replaces all previous issues

SDS issue date: 18/3/2022.

Reason(s) for issue: Rebranded product.

In any event, the review and, if necessary, the re-issue of a SDS shall be no longer than 5 years after the last date of issue.

LEGEND:

AICS	Australian Inventory of Chemical Substances
APVMA	Australian Pesticides and Veterinary Medicines Authority
AQIS	Australian Quarantine and Inspection Service
AS	Australian Standard (as issued by Standards Australia)
GHS	Globally Harmonised System
NOHSC	National Occupational Health and Safety Commission
PPE	Personal Protective Equipment
SDS	Safety Data Sheet
STEL	Short Term Exposure Limit. A 15-min TWA exposure, not to be exceeded at any time during a working day, even if the 8-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not exceed 15-min and should not be repeated more than 4 times per day. There should be at least 60-min between successive exposures at the STEL.
TGA	Therapeutic Goods Administration
TLV	Threshold Limit Value. TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.
TWA	Time Weighted Average. The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This SDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product and in particular how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. This SDS may only be reproduced in full. Summaries or excerpts from this SDS may not contain all the relevant information and thus are not permitted.

End of SDS