SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

REFLEXION A glass and mirror cleaner.
For Commercial & Institutional Use Only Environmental Choice Licence No: 3710065.

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EMERGENCY CONTACT: Phone (64-9) 255-5609 8.00 am to 5.00 pm Monday to Friday
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

2. HAZARD IDENTIFICATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.

6.3B Causes mild skin irritation.
6.4A Causes eye irritation.

Cleaning Products Subsidiary Hazards Group Standard: HSR002530

3. COMPOSITION & INFORMATION ON INGREDIENTS compliant with EU Regulation No 907/2006:

Nonionic surfactants	< 5 %
Solvents	5 – 15 %
Colouring	10 ppm
Water	> 50 %

4. FIRST AID MEASURES:

Contact with eyes:	Rinse eyes with running water holding back eyelids for 5 minutes. If irritation persists seek medical advice.
Contact with skin:	Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs, seek medical advice.
After inhalation:	A non- volatile compound in normal use. But if subject to vapourisation remove the patient from exposure to a restfull location and seek medical advice if symptoms persist. If clothing is contaminated, remove and wash before reuse.
After ingestion:	Do Not Induce Vomiting. Administer 2 glasses of water or milk and seek medical advice if discomfort persist.
Advice to Doctor:	Treat the patient for exposure to material with mild toxic effects. Have this SDS or a product label on hand.

5. FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.
Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray.
Firefighters may use water spray, jet, fog, foam, CO2, or dry chemical powder to extinguish a fire in the vicinity.

6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.
Minor spills (less than 100 litres) should be contained from drainage, diluted with water, neutralised where appropriate, and removed with mops, or absorbed with Mineral Sponge, rags, paper, sand, or soil. It may be possible to drain small spills to town wastewater services where permitted by local authorities.
Large spills (drums and IBC's) should be contained from local drainage with any suitable bund or barrier. Clean up with absorbant material such as Mineral Sponge, paper, rags, sand or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spilt product.

7. HANDLING AND STORAGE:

Store containers in sites where they can be kept cool and dry and away from heat sources. Liquid products in drums and carboys must have secure closures which fit.
Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on an easily seen location on the container.
After use, always replace lids and caps and return to safe storage as soon as possible.
There are no specific transport restraints for this material in secure containers.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls:	No data is available
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).
Respiratory protection:	Not required for the regular use of this product.
Ventilation:	Where spraying or vaporising is being carried out, ensure there is adequate ventilation provided in the work space.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Clear blue coloured liquid
Odour	Characteristic solvent
pH	10.5 ± 0.5
Flash Point	> 93° C
Ignition Point	Not applicable
Specific Gravity	0.997 ± 0.01
Refractive Index	1.340 ± 0.005 5 Bx
Viscosity	Not applicable
Relative Foam	Low
Solubility in water	Completely in all proportions

10. STABILITY AND REACTIVITY:

Is considered stable under normal storage conditions.
Avoid contamination with oxidising substances.
Hazardous polymerisation will not occur.
Combustion of this product will release oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION:

No data is available

12. ECOLOGICAL INFORMATION:

No data is available.
Surfactants and solvents used are classed Readily Biodegradable according to the European Union Detergents Regulations #907/2006.

13. DISPOSAL CONSIDERATIONS:

Minor spilled liquids (after neutralisation) may be disposed of through town wastewater systems where these are authorised for industrial use.
Major spills, which have been collected by machine or on absorbants, should be disposed of by waste disposal experts in accordance with local regulations.
Wash empty containers before recycling.

14. TRANSPORT INFORMATION:

NZ Land Transport Rule: Dangerous Goods Rule 2005 Classified as not dangerous for Land Transport in New Zealand

15. NZ REGULATORY INFORMATION:

Cleaning Products Subsidiary Hazards Group Standard: HSR002530.
Hazardous Substances Controls Regulations 2001:

- Wear gloves and eye safety glasses handling Reflexion
- Use buckets, or similar, to dilute Reflexion before use
- Label or mark containers used to hold Reflexion
- Use good well defined measures to make dilutions
- Keep unused product in secure containers to prevent mistaken use

16. OTHER INFORMATION:

Formulation reference and version number: Version 1 R10 – 171.
This SDS was prepared from data available on 31 August 2019
This SDS was printed on 10 August 2021.
This SDS will be reviewed no later than 31 August 2024

END OF THIS SAFETY DATA SHEET