

OneDose Green EC6 Glass Cleaner

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	OneDose Green EC6 Glass Cleaner
Product code	NA
HSNO approval	HSR002530
Approval description	Cleaning Products (Subsidiary Hazard) Group Standard 2020
UN number	NA
Proper Shipping Name	NA
DG class	NA
Packaging group	NA
Hazchem code	NA
Uses	Cleaning glass, windows, mirrors, etc

Company Details

Company	Integra Industries Ltd
Address	21A Grosvenor St , South Dunedin
Telephone	0800 667 843
Website	www.integraindustries.co.nz

Emergency Telephone Number: 0800 764 766

2. Hazard Identification

GHS classification of the substrate/mixture

NON-HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

GHS 7 Classes

Skin corrosion / irritation - Category 2
Eye damage / irritation - Category 2A

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

SYMBOLS

WARNING



Other Classifications

There are no other classifications that are known to apply

Precautionary Statements

Prevention	P101 Keep packaging on hand if medical advice required. P102 Keep out of reach of children. P103 Read label before use. P264 Wash hands thoroughly after handling. P280 Wear protective clothing, gloves and eye protection.
Response	P332 + P313 If skin irritation occurs, get medical advice/attention. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses. Continue rinsing. P337 + P313 If eye irritation persists, get immediate medical advice/attention.
Storage	None.
Disposal	P501 Dispose of product and packaging in accordance with local regulations. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for

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disposal/recycling information.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
2-Butoxy Ethanol	111-76-2	< 10%
Ammonium Hydroxide	1336-21-6	< 1%

This is a commercial product whose exact ratio of components may vary slightly. Trace quantities of impurities are also likely.

4. First Aid

General Information

If medical advice is needed, have product container or label at hand. You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service).

Recommended first aid facilities Provide eye baths and safety showers close to areas where splashing may occur.

Exposure

Swallowed	IF SWALLOWED: Rinse mouth thoroughly with water. Do NOT induce vomiting. If swallowed, call a poison control center or physician immediately.
Eye Contact	IF IN EYES: Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	IF ON SKIN: Wash hands thoroughly after handling.
Inhaled	IF INHALED, Remove to fresh air. If breathing is difficult, (trained personnel should) give oxygen. (Call a physician if symptoms occur).

Advice to Doctor

Treat according to symptoms. Gastric lavage may be indicated if ingested. Any product aspirated during vomiting may produce lung injury.

5. Firefighting Measures

General measures:	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability conditions:	Product is not flammable.
Suitable Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing substances:	No information available.
Special Hazards arising from the chemical	DO NOT allow firefighting water to reach waterways, drains or sewers.
Products of combustion:	Packaging may emit toxic fumes when burnt.
Protective equipment:	Wear positive pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (including Helmet, Coat, Trousers, Boots and Gloves) or chemical splash suit.

6. Accidental Release Measures

General response procedure:	Clear area of all unprotected personnel. Allow only trained personnel wearing appropriate protective equipment to be involved in spill response. Contain spill, avoid accidents, clean up immediately. Increase ventilation.
Clean up procedure:	Mechanically collect as much of the spill as possible. Absorb with sand, earth or clay. Transfer to suitable, labelled containers and dispose of promptly as hazardous waste. Spill on areas other than pavement (e.g. dirt and sand) may be handled by removing the affected soils and placing in approved containers.
Containment:	Stop leak if safe to do so. Contain spill immediately.

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**Decontamination:
Environmental Precautionary
measures:**

Wash down spill area with water.
Prevent run off into drains and waterways. If contamination of sewers or water- ways has occurred advise the Environmental Protection Authority and/or your local Waste Authority.

**Evacuation Criteria:
Personal Precautionary
measures:**

Evacuate all non-essential personnel.
Personnel involved in the clean up should wear gloves, eye protection and safety shoes.

7. Storage and Handling

Storage

Store upright in the original container in a cool, dry, well-ventilated protected area out of direct sunlight and away from incompatible materials and foodstuffs. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Do not combine part containers of the same product.
Emergency showers and eye-washes must be available.

Handling

Ensure an eye bath is available and ready for use. Observe good personal hygiene practices and recommended procedures. Avoid contact with eyes, skin and clothing. Do not smoke, eat or drink when handling product. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or reuse.

Containment

Store in original packaging as approved by manufacturer.

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

WES - Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded during any part of the working day.

NZ Workplace Exposure Standards	Ingredient	WES-TWA	WES-STEL
	Ammonium Hydroxide	25ppm	no data
	2-Butoxy Ethanol	25ppm	no data

Engineering Controls

Adequate ventilation should be provided so that exposure limits are not exceeded.

Personal Protective Equipment**General**

Safety glasses/goggles/face shield, Chemical-resistant coveralls and safety footwear.

Eyes

Use splash proof safety goggles that conform to AS1336/1337.

Hand

Any Gloves approved for chemical hazards that conform to AS2161.

Skin and Body

Trousers, long sleeved shirt and closed shoes.

Respiratory

Not Needed.

**Environmental exposure
controls**

No information available.



WES Additional Information

Not applicable

9. Physical & Chemical Properties

Appearance

Clear

Form

Liquid

Colour

Blue

Odour

Characteristic

Odour Threshold

No data

pH

7.5-8.5

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Freezing/Melting Point	No data
Boiling Point	No data
Flashpoint	Does not flash.
Upper & lower flammable limits	No LEL or UEL
Vapour pressure	No data
Vapour density	No data
Specific gravity/density	No data
Solubility	miscible with water
Partition coefficient	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data
Shelf Life	2 years from date of manufacture (when stored as directed).

10. Stability & Reactivity

General Information	Stable under normal conditions of use.
Stability	The substance is stable under normal environmental and foreseeable conditions of temperature and-pressure during storage and handling.
Conditions to be avoided	Avoid contact with foodstuffs. Do not combine part drums of the same product.
Incompatible groups	No information available.
Hazardous decomposition products	The packaging material may burn to emit noxious fumes.
Hazardous Polymerization	None known.

11. Toxicological Information

Summary

No adverse health effects expected if the chemical is handled in accordance with this Safety Data Sheet and the chemical label. Symptoms or effects that may arise if the chemical is mishandled and overexposure occurs are:

Supporting Data

Acute	Oral	Ammonium Hydroxide LD50>350mg/kg (Rat). 2-Butoxy Ethanol LD50 = 1414mg/kg (Guinea Pig). Harmful if swallowed. Symptoms include: Stomach complaints, burning feeling, nausea, vomiting
	Dermal	2-Butoxy Ethanol LD50 >2000mg/kg (Guinea Pig). Harmful in contact with skin. Product is absorbed through the skin. Symptoms include: Redness.
	Inhaled	Ammonium Hydroxide LC50=4.6mg/L (Mouse). 2-Butoxy Ethanol – LC50 – 3.1mg/L (Guinea Pig). High concentrations: Inhalation can cause pneumonia and/or pulmonary oedema, but only after signs of corrosive effects on the mucous membranes of the eyes and/or the upper respiratory tract. Symptoms include: Irritation, Sore throat, Cough, Dizziness, Drowsiness, Difficulty in breathing, Sleepiness, Unconsciousness.
Chronic	Eye	This material can cause serious irritation to ocular tissue.
	Skin	May cause mild skin irritation, and/or allergic reaction.
	Sensitisation	No information available.
	Mutagenicity	No information available.
	Carcinogenicity	No information available.
	Reproductive / Developmental	No information available.
	Systemic	No information available.
	Aggravation of existing condition	No information available.
	STOT – Single Exposure	No information available.
	STOT – Repeated Exposure	No adverse effects were observed after repeated exposure in animal studies.
	Aspiration Hazard	No information available.

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12. Ecological Data

Summary

This mixture is not considered ecotoxic however in all cases prevent run-off to drains, sewers and waterways.

Supporting Data

Ecotoxicity	2-Butoxy Ethanol: LC50 (Fish, 96 h): 1474 mg/L (Oncorhynchus mykiss). 2-Butoxy Ethanol: EC50 (Algae, 72 h): 911 mg/L (Pseudokirchneriella subcapitata). 2-Butoxy Ethanol: EC50 (Daphnia magna, 48 h): 1550 mg/L. 2-Butoxy Ethanol: NOEC (Algae, 72 h): >280 mg/L (Pseudokirchneriella subcapitata) 2-Butoxy Ethanol: NOEC (Daphnia magna, 21 d): >100 mg/L. Avoid contaminating waterways.
Bioaccumulation	No information available.
Mobility	High water solubility and mobility.
Persistence and Degradability	Readily Biodegradable.
Soil	No evidence of soil toxicity.
Terrestrial vertebrate	No information available.
Terrestrial invertebrate	No information available.
Biocidal	No information available.
Environmental Protection	Do not allow drainage into sewer, streams or storm water systems.

13. Disposal Considerations

General Information	Dispose of in accordance with all local, regional and national regulations. All empty packaging should be disposed of in accordance with local, regional, and national regulations or recycled/reconditioned at an approved facility.
Special Precautions for Landfill	Containers should be rinsed and disposed of in line with any requirements of the Resource Management Act for which approval should be sought from the Regional Authority.

14. Transport Information

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

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	Hazchem code:	NA
IMDG			
UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	EmS:	NA
IATA			
UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	ERG Guide	NA

15. Regulatory Information

Country/ Region:	New Zealand
Status:	Classified as Hazardous according to GHS 7.
HSNO Classifications:	6.3A, 6.4A.
Group Standard:	HSR002530 – Cleaning Products (Subsidiary Hazard) Group Standard 2020.
Approved Handler:	Not Required
NZIOC:	Listed

Other Legislation

In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health and

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Safety at Work Act 2015 and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, local Council Rules and Regional Council Plans.

16. Other Information

Legend

AS1336/1337:	Industrial Eye Protection – Metric Units (Standards Australia).
AS1715/1716:	Respiratory Protection Devices – Metric Units (Standards Australia).
AS2161:	Industrial Safety Gloves and Mittens (Standards Australia).
CAS:	Chemical Abstracts Service.
EC₅₀:	Concentration which induces a response halfway between the baseline and maximum.
EMS:	IMDG Emergency Schedule.
EPG:	Emergency Procedures Guide.
GHS:	Globally Harmonised System.
HSNO:	Hazardous Substances and New Organisms.
IMDG:	International Maritime Dangerous Goods.
LC₅₀	Concentration required to kill half the members of a tested population after a specified duration.
LD₅₀	Dosage required to kill half the members of a tested population after a specified duration.
NOEC	No Observed Effect Concentration.
NZIOC:	New Zealand Inventory of Chemicals.
SDS:	Safety Data Sheet, Material Safety Data Sheet, MSDS.
UN No.:	UN Nations Number.
WES-Ceiling:	Concentration that should not be exceeded at any time during any part of the working day.

REFERENCES

Workplace Exposure Standards-and Biological Exposure Indices – WorkSafe New Zealand.
TOXNET – ChemIDPlus Database.
IMDG Appendix B List of Marine Pollutants.
IMDG Emergency Fire and Spill Codes.
UN Recommendations on the Transport of Dangerous Goods Volume 1 (17th Edition) Part 3.

Review

Date	Reason for review
1 April 2025	Phone number update

Disclaimer

This SDS was prepared by INTEGRA INDUSTRIES LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely GHS 7 classifications for this SDS have been estimated based on general information from the supplier (e.g., hazard, toxicological). This SDS is copyright INTEGRA INDUSTRIES LTD and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email sales@integraindustries.co.nz or phone: +64 3 455 6805