

OneDose BioActiv EC4 Neutral Cleaner/Floor

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	OneDose BioActiv EC4 Neutral Cleaner/Floor
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	General purpose cleaning

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 3
Eye damage / irritation - Category B

Hazard Statements

H316 Causes mild 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 + P310 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 disposal/recycling

OneDose BioActiv EC4 Neutral Cleaner/Floor

Safety Data Sheet

information.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
Preservative based on isothiazolinones	2634-33-5, 2682-20-4	< 0.5%

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. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Use water spray to cool unopened containers.
Flammability conditions:	Product is not flammable.
Suitable Extinguishing Media:	In case of fire, use water spray, foam, fog, dry powder, or carbon dioxide.
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:	Fire fighters should wear standard PPE suitable for the surrounding fire.

6. Accidental Release Measures

General response procedure:	Stop leak if you can do it without risk. Evacuate all unnecessary personnel. Avoid walking through spilled product as it may be slippery. Handle in accordance with good industrial hygiene and safety practice.
Clean up procedure:	Flush small spills with plenty of water. For large spills, If possible, absorb/cover with dry earth, sand etc and transfer to containers for disposal according to local council regulations.
Containment:	Stop leak if safe to do so. Contain spill immediately.
Decontamination:	Wash down spill area with water.
Environmental Precautionary measures:	No information available.
Evacuation Criteria:	Evacuate all non-essential personnel.
Personal Precautionary	Personnel involved in the clean-up should wear full protective clothing as per section

OneDose BioActiv EC4 Neutral Cleaner/Floor

Safety Data Sheet

measures: 8.

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 re-use.
Container	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
	2-Butoxy Ethanol [CAS 50-00-0]	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	Liquid
Form	Liquid
Colour	Blue
Odour	Characteristics
Odour Threshold	No data
pH	4.0-5.0
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

OneDose BioActiv EC4 Neutral Cleaner/Floor

Safety Data Sheet

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

Stability	Stable under normal conditions of use.
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	2-Butoxy Ethanol LD50 – 1414mg/kg (Guinea Pig) – OECD Guideline 401. Acute toxicity data indicates low toxicity (virtually nontoxic after a single ingestion)
	Dermal	2-Butoxy Ethanol LD50 – >2000mg/kg (Guinea Pig) – OECD Guideline 402. Harmful in contact with skin. Product is absorbed through the skin. Symptoms include: Redness.
	Inhaled	2-Butoxy Ethanol LC50 – 3.1mg/L (Guinea Pig) OECD Guideline 403 Acute toxicity data indicates low toxicity. EYE Causes mild eye irritation.
	Eye	Causes serious eye damage. Flush for 15 min with clean water. Get immediate medical advice/attention if irritation persists.
Chronic	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 information available.
	Aspiration Hazard	No information available.

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: (Data from NZ Chemical Classification and Information Database) LC50 (Fish, 96 h): 1474 mg/L (<i>Oncorhynchus mykiss</i>) EC50 (Algae, 72h): 911 mg/L (<i>Pseudokirchneriella subcapitata</i>) EC50 (Aquatic Invertebrate, 48h): 1550 mg/L (<i>Daphnia magna</i>) NOEC (Algae, 72 h): >280 mg/L (<i>Pseudokirchneriella subcapitata</i>) NOEC (Crustacea, 21d): >100 mg/L (<i>Daphnia</i>)
--------------------	---

OneDose BioActiv EC4 Neutral Cleaner/Floor

Safety Data Sheet

Bioaccumulation	magna)
Mobility	No information available.
Persistence and Degradability	High water solubility and mobility.
Soil	Readily Biodegradable.
Terrestrial vertebrate	No evidence of soil toxicity.
Terrestrial invertebrate	No information available.
Biocidal	No information available.
Environmental Protection	No information available.
	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.
----------------------------	---

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:	6.3B, 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 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.

OneDose BioActiv EC4 Neutral Cleaner/Floor

Safety Data Sheet

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 updated

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