

OneDose BioActiv EC3 Washroom Cleaner

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	OneDose BioActiv EC3 Washroom Cleaner
Product code	NA
HSNO approval	HSR002530
Approval description	Cleaning Products (Subsidiary Hazard) Group Standard 2006
UN number	NA
Proper Shipping Name	NA
DG class	NA
Packaging group	NA
Hazchem code	NA
Uses	Toilet and bathroom surface cleaner

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

Acute Toxicity (Oral) - Category 5
Acute Toxicity (Inhalation) - Category 4
Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Irritation - Category 1

Hazard Statements

H303 – May be corrosive to metals
H315 – Causes skin irritation
H318 – Causes serious eye damage
H332 – Harmful if inhaled

SYMBOLS

DANGER



Other Classifications

This product when diluted/mixed may not require the same control measures as the neat product. See section 16 for more information. Check with your technical representative if in doubt.

Precautionary Statements

Prevention	P102 – Keep out of reach of children. P103 – Read label before use. P104 – Read Safety Data Sheet before use. P261 – Avoid breathing mist/spray. P264 – Wash hands thoroughly after handling. P280 – Wear protective gloves, clothing and eye/face protection.
Response	P305 + P351 + P338 IF IN EYES: Rinse cautiously for several minutes. REMOVE contact lenses if present and safe to do so. Continue rinsing. P332 + P313 IF SKIN IRRITATION occurs: Get medical advice/attention. P337 + P313 IF EYE IRRITATION persists: Get medical advice/attention.

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Storage	Store locked up. Store in corrosion resistant container with a resistant inner liner.
Disposal	P501 – Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See council for disposal/recycling info.

3. Composition / Information on Ingredients

The ingredients below are considered either hazardous, dangerous goods or poison scheduled according to the criteria of SWA, AUG Code and SUSDP (respectively) at the levels used in the product.

Component	CAS/ Identification	Concentration
2-Hydroxypropane-1,2,3-tricarboxylic acid	77-92-9	< 20%
2-Hydroxyethanoic acid	79-14-1	< 5%
2-Phosphonobutane-1,2,4-tricarboxylic acid	37971-36-1	< 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	Ready access to running water is recommended. Accessible eyewash is recommended.
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Exposure

Swallowed	IF SWALLOWED: Rinse mouth thoroughly with water. Do NOT induce vomiting.
Eye Contact	IF IN EYES: Flush with water for several minutes. Remove contact lenses. Continue rinsing for at least 15 minutes.
Skin Contact	IF ON SKIN (or hair): Wash hands thoroughly after handling.
Inhaled	IF INHALED, Remove from source of exposure to fresh air.

Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient.

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 combustible.
Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.
Hazardous products of combustion:	The product is non-combustible; however, the packaging material may burn to emit noxious fumes.
Special Firefighting:	DO NOT allow firefighting water to reach waterways, drains or sewers.
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.
Hazchem code	No information available.

6. Accidental Release Measures

General Measures:	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 method	Clear area of all unprotected personnel. Allow only trained personnel wearing

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Containment:
Decontamination:
Environmental Precautions:

appropriate protective equipment to be involved in spill response. Contain spill, avoid accidents, clean up immediately. Increase ventilation.
 Stop leak if safe to do so. Contain spill immediately.

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 full protective clothing as per section 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.

Container

Store in original packaging as approved by manufacturer

Handling

Keep eye bath 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 before re-use.

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	

Biological Limits

No information available on biological limit values for this product.

Engineering Controls

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

Personal Protective Equipment

General

Personal Protective Equipment (PPE) should not be used as the primary means of exposure protection, except in the event of an accident or emergency situation or where all other means of protection have proven to inadequate. Clean PPE after use or dispose of as appropriate. Store PPE for re-use in a clean place. Regular training on the correct use of PPE should be provided. In particular the correct fitting and use of respirators and where applicable the cleaning of respirators should be undertaken.

Eyes



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

**Hand
Skin and Body
Respiratory
Environmental exposure
controls**

Any Gloves approved for chemical hazards that conform to AS2161.
 Trousers, Long sleeved shirt and closed shoes.
 Not Needed.
 No information available.

WES Additional Information

Not applicable

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9. Physical & Chemical Properties

Appearance	Clear
Form	Liquid
Colour	Red
Odour	Characteristic
Odour Threshold	no data
pH	2.5-3.5
Freezing/Melting Point	No data
Boiling Point	No data
Flashpoint	No data
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.
Possibility of hazardous reactions	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). Acute toxicity data indicates low toxicity (virtually nontoxic after a single ingestion) 2-Hydroxyethanoic acid LD50 = 2040mg/kg (Rat) – Supplier SDS. Acute toxicity data indicates low toxicity (virtually nontoxic after a single ingestion)
	Dermal	2-Butoxy Ethanol LD50 >2000mg/kg (Guinea Pig). Harmful in contact with skin. Product is absorbed through the skin. Symptoms include: Redness.
	Inhaled	2-Butoxy Ethanol LC50= 3.1mg/L (Guinea Pig). Acute toxicity data indicates low toxicity. EYE Causes mild eye irritation. 2-Hydroxyethanoic acid LC50= 3.6mg/L (Rat-4hr Exp.). Harmful by 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.
	Eye Skin	Causes burns to ocular tissue. Causes severe burns. May cause redness and tearing of the eyes. Erythema (skin redness). Burning. Irritation/Corrosion.
Chronic	Sensitisation	No information available.
	Mutagenicity	No information available.

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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

Aquatic	2-Butoxy Ethanol: (Data from NZ Chemical Classification and Information Database) LC50 (Fish, 96 h) = 1474 mg/L (Oncorhynchus mykiss) EC50 (Algae, 72h) = 911 mg/L (Pseudokirchneriella subcapitata EC50 (Aquatic Invertebrate, 48h) = 1550 mg/L (Daphnia magna NOEC (Algae, 72 h) >280 mg/L (Pseudokirchneriella subcapitata) NOEC (Crustacea, 21d) >100 mg/L (Daphnia magna) 2-Hydroxyethanoic acid: LC50 (Fish, 96h) = 164mg/L (Peeppholes promelas) EC50 (Crustacea, 48h) = 141mg/L (Daphnia magna) ErC50 (Algae, 72h) = 44mg/L (Pseudokirchneriella subcapitata)
Bioaccumulation	No information available.
Mobility	High water solubility and mobility.
Persistence and Degradability	Readily Biodegradable.
Soil	No evidence of soil toxicity.
Terrestrial vertebrate	There is no data for this product.
Terrestrial invertebrate	No evidence of toxicity towards terrestrial invertebrates.
Biocidal	Not available
Environmental Protection	Do not allow drainage into sewer, streams or storm water systems.

13. Disposal Considerations

Waste treatments methods

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

ROAD AND RAIL TRANSPORT: NOT Classified as DANGEROUS GOODS by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
NOT Classified as DANGEROUS GOODS by International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
NOT Classified as DANGEROUS GOODS by International Air Transport Association (IATA) for transport by air.

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	Hazchem code:	NA

IMDG

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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

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO). Approval code: HSR002530, Cleaning Products (Subsidiary Hazard) Group Standard 2020. All ingredients appear on the New Zealand Inventory of Chemicals NZIoC.

COUNTRY/ REGION:	New Zealand
APPROVAL CODE:	HSR002530 – Cleaning Products (Subsidiary Hazard) Group Standard 2006 HSNO
CLASSIFICATIONS:	6.1E(Oral), 6.1D(Inhal.), 6.3A, 8.3A
APPROVED HANDLER:	Not Required
NZIOC:	Listed

16. Other Information

References

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.

Reference:

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.