

SAFETY DATA SHEET

Product Name PROBIOTIC MULTI- PURPOSE CLEANER

Revision Date:
15/08/2024

Version: 001

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PROBIOTIC MULTI- PURPOSE CLEANER

Recommended Use A versatile cleaner degreaser
Environmental Choice New Zealand licensed.
MPI APPROVED C32-All Products Except Dairy
(All food contact surfaces must be rinsed with portable water after use)

Company Details Advance International Cleaning System (NZ) Ltd

Address 663 Great South Road, Penrose, Auckland 1642

Telephone Number +64 9 525 3792

Emergency Telephone: Number National Poison Information Centre **0800 764 766**

Date of Preparation 15/08/2024

2. HAZARD IDENTIFICATION

Classified Under EPA (Classification) Notice 2017 + ECHA CL Inventory

GHS Classification and Categories

Eye Irritation : Category 2
Hazardous to the aquatic environment : Category 4
chronic

GHS LABEL ELEMENT

HAZARD PICTOGRAMS



WARNING

Code	Hazard Statement
H319	Causes eye Irritation.
H401	Harmful to aquatic life with long lasting effects.

Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement

P101 If medical advice is needed, have product container or label at hand.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 IF skin irritation occurs: Get medical advice / attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (Seek Medical Advice)
P337 + P313 IF eye irritation persists: Get medical advice/attention.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P362 Take off contaminated clothing and wash before re-use
Other Hazards: Unknown

Disposal Statement

P501 Dispose through licensed disposal contractor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Concentration %
Dipropylene glycol methyl ether	34590-94-8	<5
Alcohol Ethoxylate	61827-42-7	<5
Butyl Oxitol	111-76-2	<5
Glucoside	68515-73-1	<5
Dissolvene GL-47-s	51981-21-6	<5
Probiotic Species	Proprietary	<1
Non-Hazardous		>85

4. FIRST AID MEASURES

Ingestion Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Keep at rest. Immediately call a POISON CENTRE, doctor, or physician. Get medical attention or advice if you feel unwell.

Eye contact Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes.

Skin contact Take off immediately all contaminated clothing and wash it before re-use. Immediately call a POISON CENTRE, doctor, or physician.

Inhalation Remove person to fresh air and keep comfortable for breathing. Get medical attention or advice if you feel unwell

Poison Information Centre: Call 0800 764 766 (0800 POISON)

5. FIRE FIGHTING MEASURE

Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media	None known
Specific hazards during firefighting:	Not flammable or combustible.
Hazards combustion products	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides
Precautions for fire fighters and special protective equipment:	Use personal protective equipment.
Specific Extinguishing Methods:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes

6. ACCIDENTAL RELEASE MEASURES

Emergency Precautions:

Personal precautions, protective equipment, and emergency procedures: Wear suitable protective clothing, gloves, and eye/face protection.

Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may slippery.

Environmental precautions:

Do not allow to enter drainage system, surface, or ground water. Dilute with plenty of water.

Advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

Methods and Materials for Containment and Clean Up:

Soak up spilled product using absorbent, non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

7. HANDLING AND STORAGE

Handling:

Wash hands thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product and residue (liquid or vapour) and can be dangerous. Keep container tightly closed. Always wash hands before smoking, eating, or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

Advice on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink, and animal feeding stuffs. Wash hands before breaks and at the end of workday. Wash face, hands, and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Use only with adequate ventilation.

Conditions of Safe storage

Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Storage temperatures:

Containers must be carefully vented to release the pressure build up. Store in cool, dry, well-ventilated area away from incompatible substances. Keep containers always closed, check regularly for leak.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:

The Occupational Safety and Health Service, NZ Department of Labour have set no Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) for this substance.

If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section. Recommended safety measures for handling the undiluted products.

Appropriate engineering controls: Where possible: use in automated/closed system and cover open containers. Transport over pipes.

Filling with automatic systems. Use tools for manual handling of product.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection:

Safety glasses or goggles (EN 166). The use of a full-face shield or other full-face protection is strongly recommended when handling open containers or if splashes may occur.

Skin/Hand Protection

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the glove's supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature. Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm In consultation with the supplier of protective gloves a different type providing similar protection maybe chosen.

Body protection: Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Red
Physical State:	Liquid
Odour:	Not determined
Odour Threshold	Not Determined
pH:	10.8
Solubility:	Soluble in water
Vapor Density:	no data available
Boiling point:	>100 deg
Freezing Point:	no data available

Ignition Point:	no data available
Flash Point:	no data available
Specific Gravity:	1.0350-1.0450
Vapor pressure:	no data available
% Volatilities	no data available
Flammability	Not Determined
UEL/LEL	Not Determined
Partition Coefficient	Not Determined
Auto Ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Kinematic Velocity	Not Determined
Particle Characteristics	Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability	No reactivity hazards known under normal storage and use conditions.
Conditions to avoid	Stable at room temperature and pressure Avoid excessive heat, direct sunlight, moisture, high temperatures. No Hazardous reactions known under normal storage and use conditions.
Incompatible Materials	None Known
Hazardous decomposition	When involved in a fire, this product will generate carbon Oxides, Nitrogen Oxides, Sulphur Oxides
Hazardous reactions	No dangerous reaction known under conditions of normal use.

11. TOXICOLOGICAL INFORMATION

Mixture data:

No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and the overexposure occurs are:

Acute Effects

Eyes:	Causes eye irritation. This product is irritating, and pain followed by swelling to the conjunctiva.
Skin:	This product is irritating to skin.
Ingestion:	Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion of large amounts of this product will result in headaches, nausea, dizziness, and tracheal burning.
Inhalation:	Irritating to respiratory tract. Exposure to high concentrations over an extended period may result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations, and possible loss of consciousness.
Exposure:	Health injuries are not known or expected under normal use

12. ECOLOGICAL INFORMATION

Persistence/ degradability:	The substance is aerobically biodegradable and anaerobically biodegradable
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Mobility:	No data is available for this product.
Toxicity -Environmental Effects:	Avoid contaminating waterways. This product is harmful to aquatic life (chronic)
Other adverse effects:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

Do not contaminate storm water drains, natural waterways, or soil with chemical or used container. Where possible recycling is preferred to disposal or incineration.

If recycling is not practicable, dispose of contents/container in accordance with local regulations. Dispose of in accordance with local and national regulations.

Disposal considerations:

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Not Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail.

Marine Transport:

Not Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

Air Transport:

Not Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air

Special precautions for user: None

Environmental Hazards:

Aquatic Toxicity (Chronic) **Category 4**

15. REGULATORY INFORMATION

Inventory Listing(s)	New Zealand: NZIoC (New Zealand Inventory of Chemicals) All components are listed on the NZIoC inventory or are exempt.
HSNO Approval No:	HSR002530
Group Standard:	Cleaning Products (Subsidiary Hazard) Group Standard 2020

16. OTHER INFORMATION

HSNO Classification: 6.4A, 9.1D(Chronic)

Date of Preparation: 15/08/2024

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

New Zealand National Poison Information Centre: 0800 764 766

New Zealand Emergency Services: 111

Advance International Cleaning Systems (NZ) Limited: +64 9 525 3792

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for uses is beyond our control. The information is not intended as an inducement to bargain, and no warranty expressed or implied is made as to its accuracy, reliability, or completeness.

Advance International Cleaning Systems (NZ) Limited accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product complies with appropriate Local Councils regulations.

End of Safety Data Sheet