PRO WASH (ENVIRONMENTAL CHOICE)

SAFETY DATA SHEET VERSION 1.0, 18TH MARCH 2022.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name:	Pro Wash
Recommended use:	Detergent for commercial dishwashing machines
Supplier name:	Integra Industries Ltd
Address:	21 A Grosvenor Street, Dunedin
Email:	info@integraindustries.co.nz
Phone:	0800 667 843
Emergency Telephone:	International: +643 479 7227 New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE)

2. HAZARD IDENTIFICATION

Hazard Classification: **HAZARDOUS** according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS-7) criteria.
Signal word: Danger.
Symbol: Exclamation mark; Corrosion.

Hazard Categories:
- Acute toxicity (oral) - Category 4.
- Corrosive to metals - Category 1.
- Skin corrosion / irritation - Category 1B.
- Eye damage / irritation - Category 1.
- Hazardous to the aquatic environment (Chronic) - Category 3.

Hazard statement/s:
- H302 Harmful if swallowed.
- H290 May be corrosive to metals.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.

Prevention statement/s:
- P102 Keep out of reach of children.
- P103 Read label before use.
- P104 Read Safety Data Sheet before use.
- P234 Keep only in original packaging.
- P260 Do not breathe dusts or mists.
- P264 Wash hands/skin thoroughly after handling.
- P270 Do not eat, drink or smoke while using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye/face protection.

Response statement/s:
- P301 + P330 + P331 + P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison centre or doctor.
- P303 + P361 + P353 + P310 IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower. Immediately call a poison centre or doctor.
- P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or doctor.
- P305 + P351 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses. Continue rinsing. Immediately call a poison centre or doctor.
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.

Storage statement/s:
- P405 Store locked up.
- P406 Store in a corrosion-resistant container with a resistant inner liner.

Disposal statement/s: 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.
The information contained in this SDS is specific to the product when handled and used neat. This product when diluted/mixed may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

According to GHS-7, the ingredients below are considered either hazardous or dangerous goods at levels used in this product:

INGREDIENT	CAS No.	PROPORTION (%)
Potassium hydroxide	1310-58-3	10 - 26%
Phosphonate (ATMP)	MIXTURE	< 5%

4. FIRST AID MEASURES

Ingestion: Rinse mouth out with water. Do NOT induce vomiting.
Eye contact: Flush with water for several minutes. Remove contact lenses. Continue rinsing for at least 15 minutes. Seek immediate medical advice/attention.
Skin contact: Flush with water for several minutes.Seek immediate medical advice/attention.
Inhalation: Remove from source of exposure to fresh air. Allow the person to rest in a position where they can breathe easily.

5. FIRE FIGHTING METHODS

General measures: Clear fire area of all non-emergency personnel. Stay upwind. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Flammability conditions: This product is not flammable.
Fire and Explosion Hazard: None
Special fire fighting instructions: None.
Hazardous products of combustion: Packaging material may burn to emit noxious fumes.
PPE: Fire fighters should wear standard PPE for chemical fires.
HAZCHEM code: 3Y.

6. ACCIDENTAL RELEASE MEASURES

General procedure: Stop leak if safe to do so. Shut off all ignition sources. Avoid walking through spilled product (slippery).
Clean up procedures: Flush small spills with plenty of water. For large spills, soak up spilled product using absorbent non-combustible material such as sand or soil. When saturated collect material, transfer to suitable, labelled, dry chemical-waste containers and dispose of promptly as hazardous waste. Wash area down with excess water.
Evacuation criteria: Evacuate all unnecessary personnel.
PPE: No specific PPE required for this product.

7. HANDLING AND STORAGE

Handling: Keep eye bath available and ready for use. Observe good personal hygiene practices and recommended procedures.
Storage & Container: No special instructions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: No data available.
Biological limit values: No data available.
Engineering controls: Keep eye bath available and ready for use.
PPE: Safety glasses, gloves and safety shoes a minimum.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state:	Liquid.
Appearance:	Clear.
Colour:	None.
Odour:	None.
pH:	12.5 - 13.5
Density/ vapour density:	No data available.
Vapour pressure:	No data available.
Boiling/freezing point:	No data available.
Solubility:	Complete in water.
Shelf life:	2 years from date of manufacture (when stored as directed).

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.
Conditions/Materials to avoid: Soft metals.
Hazardous decomposition: Packaging may evolve toxic gases when burning.
Hazardous polymerisation: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

Ingestion: Can cause severe chemical burns. Seek immediate medical advice/attention.
Inhalation: Inhalation may cause irritation and even damage. Seek medical advice if any irritation persists.
Skin contact: Can cause severe chemical burns. Seek immediate medical advice/attention.
Eye contact: Causes serious eye damage. Flush well with water. Seek immediate medical advice/attention.
Long term exposure: No data available.

12. ECOLOGICAL INFORMATION

Persistence/Degradability/Mobility: No information available.
Bioaccumulation potential: No information available.
Environmental impact: Harmful to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of as hazardous waste in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with local regulations or recycled/reconditioned at an approved facility. Contact a specialist disposal company or the local waste regulator for landfill advice.

14. TRANSPORT INFORMATION

Classified as DANGEROUS GOODS by the by the NZ Transport Agency - Land Transport Rule (2005).
UN number: 1814
UN proper shipping name: Potassium hydroxide, solution.
Class and subsidiary risk(s): 8 - Corrosive substances.
Packaging group: II
Marine Pollutant: No

15. REGULATORY INFORMATION

Country/ region: New Zealand
Status: Classified as Hazardous according to GHS.
HSNO classifications: 6.1D (oral), 8.1A, 8.2B, 8.3A, 9.1C
Group standard: Cleaning Products (Corrosive) Group Standard 2020 - HSR002526.

16. OTHER INFORMATION

SDS issue number: 1.0 - This issue number replaces all previous issues
SDS issue date: 11/3/2022.
Reason(s) for issue: New product.
In any event, the review and, if necessary, the re-issue of a SDS shall be no longer than 5 years after the last date of issue.

LEGEND:

AICS Australian Inventory of Chemical Substances
APVMA Australian Pesticides and Veterinary Medicines Authority
AQIS Australian Quarantine and Inspection Service
AS Australian Standard (as issued by Standards Australia)
GHS Globally Harmonised System
NOHSC National Occupational Health and Safety Commission
PPE Personal Protective Equipment
SDS Safety Data Sheet
STEL Short Term Exposure Limit. A 15-min TWA exposure, not to be exceeded at any time during a working day, even if the 8-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not exceed 15-min and should not be repeated more than 4 times per day. There should be at least 60-min between successive exposures at the STEL.
TGA Therapeutic Goods Administration
TLV Threshold Limit Value. TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.
TWA Time Weighted Average. The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This SDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product and in particular how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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End of SDS