

SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION:

BIO-MAX

A microbacterial activated cleaning agent for control of odours.

FRESH AND CLEAN

A division of AlSCO NZ,
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After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

2 HAZARD IDENTIFICATION:

This product is hazardous to the EPA Minimum Degrees of Hazard and Classification Notices 2017

- 6.3B Causes mild skin irritation.
- 6.4A Causes eye irritation.
- 9.1D Harmful to aquatic life
- 9.3C harmful to terrestrial vertebrates

Cleaning Products (Subsidiary Hazards) Group Standard 2006 HSR No:002530

3 COMPOSITION & INFORMATION ON INGREDIENTS:

Proprietary microbiocidal treatment	< 10 %
Surfactants	< 10 %
Perfume and colouring	< 10%
Water	> 60%

4 FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs get medical advice.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

Inhalation: A non-volatile compound in normal use but if subject to vapourisation remove the patient from exposure to a restful location and seek medical advice if symptoms persist. If clothing is contaminated, remove and wash before reuse.

After ingestion: Do Not Induce Vomiting. Administer 2 glasses glasses of water or milk and seek medical advice if discomfort persist.

Advice to Doctor: Treat the patient for exposure to material with mild toxic effects. Have this SDS or a product label on hand.

5 FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.

Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray.

Firefighters may use water spray, jet, fog, foam, CO₂, or dry chemical powder to extinguish a fire in the vicinity.

6 ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.

Minor spills (less than 100 litres) should be contained from drainage, diluted with water, neutralised where appropriate, and removed with mops, or absorbed with Mineral Sponge, rags, paper, sand, or soil. It may be possible to drain small spills to town wastewater services where permitted by local authorities.

Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. Clean up with absorbent material such as Mineral Sponge, paper, rags, sand or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spill product.

7 HANDLING AND STORAGE:

Store containers in sites where they can be kept cool and dry and away from heat sources. Liquid products in drums and carboys must have secure closures which fit. Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on an easily seen location on the container.

After use, always replace lids and caps and return to safe storage as soon as possible.

There are no specific transport restraints for this material in secure containers.

8 EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls:	No data is available for this product.
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).
Respiratory protection:	Not required for the regular use of this product. If the liquid is being vaporised, a face shield and/or respirator may be required. These operations should be carried out by trained personnel only.
Ventilation:	Where spraying or vaporising is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

9 PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Pink coloured liquid
Odour	Fresh fruity-floral odour
pH	7.0 – 8.0
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	1.00 ± 0.01
Refractive Index	3.5 – 4.5 (% Brix)
Viscosity	N/A
Relative Foam	Medium
Solubility in water	Completely in all proportions.

10 STABILITY AND REACTIVITY:

This product is considered stable under normal storage conditions.
 Avoid contamination with oxidising substances.
 Hazardous polymerisation will not occur.
 Combustion of this product will release oxides of carbon and nitrogen.

11 TOXICOLOGICAL INFORMATION:

No data is available for this product.

12 ECOLOGICAL INFORMATION:

No data is available for this product. Avoid release to the environment.
 Surfactants used in this product are classed Readily Biodegradable according to the European Union Detergents Regulations #648/2004.
 The microbial treatment consists of nitrifying bacteria which will not interfere with wastewater treatment systems.

13 DISPOSAL CONSIDERATIONS:

Minor spilled liquids (after neutralisation) may be disposed of through town wastewater systems where these are authorised for industrial use.
 Major spills, which have been collected by machine or on absorbants, should be disposed of by waste disposal experts in accordance with local regulations.
 Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

14 TRANSPORT INFORMATION:

NZ Land Transport Rule: Dangerous Goods Rule 2005
 Amendment 2016 (Rule 45001/4)

Classified as not dangerous for Land Transport in New Zealand

15 NZ REGULATORY INFORMATION:

This product is hazardous to the EPA Minimum Degrees of Hazard and Classification Notices 2017

Cleaning Products Subsidiary Hazards Group Standard:	HSR No:002530.
Wear gloves and eye safety glasses handling this product	Use good well defined measures to make dilutions
Label or mark containers used to hold this product	Keep unused product in secure containers to prevent mistaken use

16 OTHER INFORMATION:

Formulation reference and version number: R8 – 115 version 2.
 This SDS was prepared from data available on 14 March 2018.
 This SDS was printed on 14 March 2018.
 This SDS will be reviewed no later than 14 August 2021

END OF THIS SAFETY DATA SHEET