

MAXI- ENZYME

SAFETY DATA SHEET

Maxi-Enzyme Beer Line & Brewery Vessel Cleaner (PF-0126)

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product name: Maxi-Enzyme Beer Line & Brewery Vessel Cleaner

Uses: To clean beer lines and beer processing equipment.

1.2 Company Name:

Australia:

Maxi-Enzyme Australia Pty Ltd, PO Box 1352 Nightcliff NT 0814, AUSTRALIA

Phone: 1300 760 450 (In Australia), from outside Australia +61 4 3900 3600

Email: cheers@cleanbeer.com.au

Europe:

Maxi-Enzyme (UK) Limited, Courthill House, Water Lane. Wilmslow SK9 5AJ

Phone: +44 845 1645464

Email: hello@maxi-enzyme.co.uk

1.3 Emergency telephone number

Australia : +61 2 83441315

Europe: +44 845 1645464

UFI - MM5Q-M1NF-6P1F-GDA7

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification according to GHS:

Eye irritation category 2

2.1.2 Additional information:

For full text Hazard- and EU Hazard-statements: see SECTION 15 and SECTION 16

2.2 Label elements

Labelling according to GHS, Regulation (EC) No 1272/2008 [CLP]

Pictogram:



Signal word: WARNING

Hazard statements:

H319, causes serious eye irritation

Precautionary statements:

P261: Avoid breathing mist, spray and vapours

P264: Wash hands thoroughly after handling.
P280: Wear gloves and eye protection
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P337+313: If eye irritation persists get medical advice/attention.

2.3 Other hazards

Contains enzymes. May produce an allergic reaction on prolonged contact. Slippery when spilled.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS
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Material	CAS number	Level (WW)	GHS /CLP (EC) No. 1272/2008 Classification
Alkoxylated alcohol	68439-50-9	1-5%	Not classified at this concentration
Sodium tetraborate decahydrate	1303-96-4	<5%	Repr. 1B, H360 Not classified at this concentration
Propylene Glycol Halal Kosher	57-55-6	1-5%	Not classified at this concentration
Protease as pure enzyme protein	9014-01-1	0.1-1%	Skin Irrit. 2, H315, Eye Dam. 1, H318, Resp. Sens.1, H334 STOT SE 3, H335 Not classified at this concentration
Lipase as pure enzyme protein	9001-62-1	0.1-1%	Not classified at this concentration
Endocellulase as pure enzyme protein	9012-54-8	0.1-1%	Resp. Sens. 1, H334 Not classified at this concentration
Alpha-amylase as pure enzyme protein	9000-90-2	0.1-1%	Resp. Sens. 1, H334 Not classified at this concentration
C37H34N2Na2O9S3 Blue Dye CI 42090	3844-45-9	< 0.01%	Not classified at this concentration
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.1 – 0.5%	Acute tox H302 Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Acute 1 H400
Water	7732-18-5	To 100%	-

SECTION 4: First aid

- Eye contact: 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/attention.
- Swallowed: Immediately rinse mouth and drink plenty of water. Seek medical attention if symptoms persist.
- Skin contact: Remove contaminated clothing. Rinse skin with plenty of water.
- Inhalation: Remove from contaminated area. Move to fresh air, rest patient. If required, seek medical advice.

SECTION 5: FIRE FIGHTING MEASURES

Non-flammable. Will not promote combustion.

SECTION 6: SPILLAGE ACCIDENTAL RELEASE MEASURES

Avoid entering waterways. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Mop up the remaining material.

SECTION 7: HANDLING AND STORAGE

Store upright in a cool (below 30°C), dry area, out of direct sunlight. Keep containers closed when not in use.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Avoid contact with eyes. Minimise contact with skin. Wear appropriate protective equipment such as safety goggles and gloves. Wash hands after handling.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A clear to slightly hazy blue liquid
Boiling point:	>100°C (>212°F)
Vapour pressure:	Not available
Density @ 20°C	1.02 – 1.15 g/mL
Solubility in water:	Soluble
Reactivity in water/air:	Not reactive
Incompatibility (materials to avoid):	None known
pH:	7.0 – 9.5
Flash point:	Non flammable

SECTION 10: STABILITY AND REACTIVITY

This material is stable under normal conditions of use and non-reactive.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology of these solutions have not been performed as a whole. According to the GHS the solution is not classified as hazardous.

None of the ingredients are listed in the IARC list of carcinogens.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity study of this preparation is not available; however all the ingredients in this product are readily biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local/regional regulation. Dispose of via sewerage only ensuring the concentrated formulation does not enter waterways.

SECTION 14: TRANSPORT INFORMATION

The product is not classified as dangerous goods.

SECTION 15: REGULATORY INFORMATION

All the ingredients are listed in the AICS (Australian Inventory of Chemical Substances), TSCA (Toxic Substance Control Act), and EINECS (European Inventory of Existing Commercial Substances) or exempted.

SECTION 16: OTHER INFORMATION

GHS Hazard statements on ingredients:

- H360: May damage fertility or the unborn child
- H314: Causes eye damage
- H315: Causes skin irritation
- H318: Causes serious eye damage
- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335: May cause respiratory irritation

“The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this SDS. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Aeris Environmental Ltd it is the user’s obligation to assure safe use of the product.”

Date of SDS REVISION: 02/07/2018

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