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.

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