



SAFETY DATA SHEET
AERIS BEERLINE AND BREWERY CLEANER SANITISER (PF-0126)

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product form : Liquid Mixture
Trade name : Aeris Beerline And Brewery Cleaner Sanitiser

1.2 Relevant identified uses of the substance or mixture and uses advised against

- 1.2.1 Relevant identified uses
To clean and sanitise food processing equipment
- 1.2.2 Uses advised against
Not to be used by untrained personnel.

1.3 Details of the supplier of the Safety Data Sheet

Supplier:
Aeris Environmental Ltd, Level 1, Unit 5 / 26-34 Dunning Ave, Rosebery, NSW
2018 AUSTRALIA
Phone: +61 2 8344 1315 Fax: +61 2 96970944

1.4 Emergency telephone number

In Australia 02 83441315, from outside Australia +612 83441315

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- 2.1.1 Classification according to GHS
Eye Irritation cat. 2
- 2.1.2 Classification according to NOHSC:
Not Classified

2.2 Label elements

Labelling according to GHS, and "Work Safe Australia labelling of workplace hazardous chemicals Code of Practice, Dec 2011"
Hazard pictograms:



Signal word: WARNING

Hazard statement:
H319, causes serious eye irritation

Precautionary statements:
P261: Avoid breathing spray
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

H401: Toxic to aquatic life
 Contains enzymes. May produce an allergic reaction.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Substance:
 Not applicable

3.2. Mixture

Material	CAS number	Level	GHS Classification
Alkyl ethoxylate	68937-66-6	1-5	Not classified
Boracic acid	10043-35-3	<0.5%	Repr. 1B, H360FD (Not classified at this concentration), Eye Irrit. 2 H319
Glycerine Halal Kosher	56-81-5	1-5%	Not classified
Propylene Glycol Halal Kosher	57-55-6	1-5%	Not classified
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
Lipase as pure enzyme protein	9001-62-1	0.1-1%	Resp. Sens. 1, H334
Endocellulase as pure enzyme protein	9012-54-8	0.1-1%	Resp. Sens. 1, H334
Alpha-amylase as pure enzyme protein	9000-90-2	0.1-1%	Resp. Sens. 1, H334
C37H34N2Na2O9S3 Blue Dye CI 42090	3844-45-9	< 0.01%	Not classified
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	1 - 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

4.1 Description of first aid measures

First - aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First - aid measures after inhalation: Remove patient to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Get medical attention.

First-aid measures after skin contact: Wash with plenty of water, take off contaminated clothing and wash it before reuse, and if skin irritation occurs get medical advice.

First-aid measures after eye contact:	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/attention.
First-aid measures after ingestion:	Do not induce vomiting. If conscious, give water to rinse mouth and one or two glasses of water to drink. Contact a doctor or a Poisons Information Centre if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries:	Causes serious eye irritation.
Symptoms/injuries after inhalation:	Not classified
Symptoms/injuries after skin contact:	Not classified
Symptoms/injuries after eye contact:	Causes serious eye irritation.
Symptoms/injuries after ingestion:	May cause abdominal discomfort

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products may be released during prolonged heating: smoke, carbon monoxide and carbon dioxide.

5.3. Advice for firefighters:

Exercise caution when fighting any chemical fire.

Protective equipment for firefighters:

Use self-contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self-contained breathing apparatus.

Other information:

Hazardous decomposition products may be released during prolonged heating at temperatures exceeding 100°C - smokes, carbon monoxide and dioxide.

SECTION 6: SPILLAGE ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment:

Wear protective equipment specified in section 8 of this SDS.

Emergency procedures:

Stop leak.

6.2. Environmental precautions

Avoid release to the environment. Collect major spillage. Wash off minor spill with copious amounts of water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up:

If possible contain major spill. Soak up major spills with inert solids, such as vermiculites, clay or diatomaceous earth. Avoid high pressure rinsing. Comply with applicable local, national and international regulation. Collect spillage. Mop up the remaining material.

Residue and minor spill may be washed down with water to a sanitary sewer with copious amounts of water.

6.4. Reference to other sections

Section 8. Exposure controls and personal protection

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling:

Avoid breathing spray, wear personal protection specified in section 8. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store below 30°C. Store upright in original containers. Keep containers closed when not in use.

7.3. Specific end use(s)

Read the Standard Operating Procedure and this SDS before using the product.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

8.1 Control parameters

From Work Safe Australia:

Substance name	Cas No	TWA (ppm)	TWA (mg/m3)
(2-Methoxymethylethoxy) propanol	34590-94-8	50	308

8.2 Exposure controls



These measures are recommended on the basis of common application methods and may not be appropriate to all potential applications of the product. The user is responsible for carrying out a full risk assessment for their specific processes and systems of work.

Avoid contact with eyes. Wash hands after handling.

Eye protection: Wear eye protection.

Other protection: Wear gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear to slightly hazy blue liquid
pH (neat, 25°C):	7.6-9.0
Boiling point:	>100°C (>212°F)
Melting point:	Not applicable
Flash point:	Non flammable
Evaporation rate:	No data
Flammability:	Non-flammable
Upper/lower flammability or explosive limits:	No data
Auto-ignition temperature:	No data

Explosive properties:	Not explosive
Oxidising properties:	Not oxidising
Decomposition temperature	No data
Vapour pressure:	No data
Vapour density:	No data
Specific gravity at 20 °C:	1.05 – 1.12 (Water 1)
Solubility:	Readily Soluble
Partition coefficient n-octanol/water:	Not applicable
Viscosity:	No data

9.2. Other information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal working/storage condition.

10.2 Chemical stability

Stable under normal working/storage condition.

10.3 Possibility of hazardous reactions

Stable under normal working/storage condition.

10.4 Conditions to avoid

Storing at temp above 30°C, or under the sun.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology of this solution has not been conducted as a whole. The following is the human hazard based on GHS classification:

Eye contact:

Causes serious eye irritation

Skin contact:

Not classified.

Based on available data, the classification criteria are not met

Inhalation:

Not classified

Based on available data, the classification criteria are not met

Ingestion:

Not classified

Based on available data, the classification criteria are not met

Respiratory/skin sensitisation:

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity:

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity:

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity:

Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure):

Not classified
Based on available data, on criteria are not met

Aspiration hazard:

Not classified
Based on available data, on criteria are not met.

Potential Adverse human health effects and symptoms:

Causes serious eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The acute toxicity of this preparation has been assessed to be toxic to aquatic life. However when diluted with water in-use it is not hazardous to aquatic life.

12.2 Persistence and degradability

Ingredients contained in this preparation are readily biodegradable. None of the ingredients are classified as PBT or vPvB.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of unwanted product should be done in accordance with local, state or national legislation. Do not reuse product containers. Empty cleaned containers can be sent for landfill or incineration where permitted.

SECTION 14: TRANSPORT INFORMATION

14.1. Transport Classification:	Not classified as Dangerous goods
14.2. UN Number and shipping name:	Not classified
14.3. Transport Class:	Not classified
14.4. Packing Group:	Not classified
14.5. Environmental hazards:	Not classified
14.6. Special precautions for user	
14.6.1. Overland Transport category (ADR):	Not classified
14.6.2. Air transport IATA Class:	Not classified
14.6.3. IMDG Class:	Not classified, not a marine pollutant

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 appears on the components hazard categories in section 3:

H360FD:	May damage fertility. May damage the unborn child.
H314:	Causes severe skin burns and 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
H302:	Harmful if swallowed
H400:	Very toxic to aquatic life

Abbreviations:

PBT	Persistent Bioaccumulative and Toxic,
vPvB	very Persistent very Bioaccumulative

“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 it is the user’s obligation to assure safe use of the product.”

Date of SDS REVISION: 30/03/2016

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