

SAFETY DATA SHEET
MULTI-ENZYME COIL CLEANER**SECTION 1: IDENTIFICATION**

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|----------------------|--|
| <u>Product name:</u> | Multi-Enzyme Coil Cleaner |
| <u>Product code</u> | AG-ECC-1 |
| | AG-ECC-200 |
| <u>Uses:</u> | To clean air conditioning heat exchange coils. |

Company Name:

Australia:

Aeris Environmental Ltd; 5/26-34 Dunning Ave, Rosebery, NSW 2018, Australia

USA:

Aeris Environmental, LLC; 70 FoxFarm Road, Phillipsburg, New Jersey 08865, USA

Europe:

Aeris Cleantech Europe Ltd; 11, St. Francis, Triq Ta'Gawdieri, San Gwann,
SGN1740, Malta

Emergency telephone number

Australia: +61 2 83441315; +61 417217473

Europe: +356 9940 3485

The USA: 1-908 878 7985

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture
- 2.1.1 Classification according to GHS:
Not classified as hazardous
- 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: None required
Signal word: None required
Hazard statements: None required
Precautionary statements:
P261: Avoid breathing mist, spray and vapours
P280: Wear gloves and eye protection
- 2.3 Other hazards
Contains enzymes. May produce an allergic reaction on prolonged contact. Slippery when spilled.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

| Material | CAS number | Level | 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 (SCL C ≥ 8,5 %, Annex VI_CLP_Table3_Mar_2019) |
| 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 |
| Benzalkonium chloride | 85409-22-9 | 0.2 – 0.5 | Not classified at this concentration |
| 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, 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.

Australian Work Place Exposure Standards:

| <u>Standard Name</u> | <u>CAS No</u> | <u>TWA (ppm)</u> | <u>TWA (mg/m³)</u> | <u>STEL (ppm)</u> | <u>STEL (mg/m³)</u> | <u>Notes</u> |
|--|---------------|------------------|-------------------------------|-------------------|--------------------------------|--------------|
| <u>Subtilisins (Proteolytic enzymes as 100% pure crystalline enzyme)</u> | 1395-21-7 | - | 0.00006 Peak limitation | - | - | |
| <u>Borates, tetra, sodium salts (decahydrate)</u> | 1303-96-4 | - | 5 | - | - | |

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
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: 19/06/2020

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