SAFETY DATA SHEET
AerisGuard Outdoor Coil and Surface Cleaner

SECTION 1: Identification

1.1. Product Identifier

Product form : Liquid Mixture
Trade name : AerisGuard Outdoor Coil and Surface Cleaner
Product code : AG-OCC-1
AG-OCC-5

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

1.2.1 Relevant identified uses
To clean outdoor HVAC coil

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:
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

1.4 Emergency telephone number

Australia: +61 2 83441315
Europe: +356 9940 3485
The USA: 1-908 878 7985

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to GHS
Eye damage cat. 1, skin irritation cat. 2, oral cat. 5

2.2 Label elements

Labelling according to Regulation "(EC) No 1272/2008 [CLP]", and "Work Safe Australia labelling of workplace hazardous chemicals Code of Practice, Dec 2011"

Hazard pictograms:

Signal word: DANGER

• Aeris Environmental Ltd • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• Tel: + 61 2 8344 1315 • Fax: +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •

Hazard statement:
H318, causes serious eye damage
H315, causes skin irritation
H303, may be harmful if swallowed

Precautionary statements:

P261:	Avoid breathing spray
P264:	Wash hands thoroughly after handling.
P280:	Wear eye protection/face protection
P302+352:	IF ON SKIN: Wash with plenty of water
P305+P351+P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312:	Call a doctor if you feel unwell.
P332+313:	If skin irritation occurs: Get medical advice/attention.
P337 + P313:	If eye irritation persists: Get medical advice/attention.
P362+364:	Take off contaminated clothing and wash it before reuse.

2.3 Other hazards
H401: Toxic to aquatic life

SECTION 3: Composition/information on ingredients

3.1 Substance:
Not applicable

3.2. Mixture

NAME	Product identifier	%	Classification according GHS/CLP
Alkyl-Ethoxylated (Surfactant)	CAS no. 68439-50-9	1-15%	Oral cat 4, H302Harmful if swallowed, Eye 1, H318 Causes serious eye damage, Skin 2, H315Causes skin irritation.
Ingredients determined not to be hazardous including water	NA	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:	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.
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 damage.
Symptoms/injuries after inhalation:	Not applicable

• Aeris Environmental Ltd • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• Tel: + 61 2 8344 1315 • Fax: +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •

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

4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting 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: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures:
- Wear eye protection/face protection.
- Dispose of contents/container to an approved waste disposal plant.
- Collect spillage.
- Avoid release to the environment.

6.1.1. For non-emergency personnel
Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment:
Wear protective gloves/protective clothing/eye protection/face protection.

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.

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

• Aeris Environmental Ltd • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• Tel: + 61 2 8344 1315 • Fax: +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •

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:

P261:	Avoid breathing spray
P280:	Wear eye protection/face protection.
P264:	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: Gloves and skin protection.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear to slightly hazy green liquid
pH as supplied (typical):	2 - 3
Boiling point:	>100°C (>212°F)
Melting point:	Not applicable
Flash point:	>93°C (Pensky-Martens closed cup)
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:	1.02 – 1.15 (Water 1)

• Aeris Environmental Ltd • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• Tel: + 61 2 8344 1315 • Fax: +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •

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

Eye contact:
Causes serious eye damage

Skin contact:
Causes skin irritation

Inhalation:
Not classified
Based on available data, the classification criteria are not met

Ingestion:
May be harmful if swallow.

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

• Aeris Environmental Ltd • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• Tel: + 61 2 8344 1315 • Fax: +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •

Aspiration hazard:
Not classified
Based on available data, on criteria are not met.
Aspiration of alcohol into the lungs may cause pneumonitis.

Potential Adverse human health effects and symptoms:
Causes serious eye damage.

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

Avoid release to the environment. Do not contaminate water, food or feed. Completely empty the package. Triple rinse with water. Dispose of package in a sanitary landfill, or by incineration, if allowed by State and local authorities. If burned, stay out of smoke.

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

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
All ingredients in this preparation are listed in AICS.

SECTION 16: Other information

Abbreviations:

HVAC	Heating Ventilation and Air Conditioning
GHS	Global Harmonized System
TWA	Time Weighted Average
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA	International Air Transport Association
PBT	Persistent Bioaccumulative and Toxic
vPvB	Very Persistent very Bioaccumulative

References: ECHA information on chemicals

This mixture is classified according to GHS classification.

• Aeris Environmental Ltd • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• Tel: + 61 2 8344 1315 • Fax: +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •

List of hazard statements and risk phrases:
None that has not been defined above.

Date of SDS revision: 22/03/2023

"The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet, which involves using the product, or otherwise that in accordance with instructions of use on product packaging is the responsibility of the user. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the Aeris Environmental Ltd, on +61 2 83441315.

END of SDS

• **Aeris Environmental Ltd** • ABN: 19 093 977 336 • 5/26-34 Dunning Ave, Rosebery NSW 2018 •
• **Tel:** + 61 2 8344 1315 • **Fax:** +61 2 9697 0944 • www.aerisenvironmental.com • info@aeris.com.au •