

## SAFETY DATA SHEET

AERISGUARD COIL AND SURFACE CLEANER – FOR NEW COILS

### SECTION 1: IDENTIFICATION

Product name:

AERISGUARD COIL AND SURFACE CLEANER – FOR NEW COILS

Product codes: AG-NCSC-5; AG-NCSC-20

Uses: For additive to clean coil and surface prior to coating of HVAC coil.

Company:

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:

Australia: +61 2 83441315

Europe: +356 9940 3485

The USA: 1-908 878 7985

### SECTION 2: HAZARDS IDENTIFICATION

**According to GHS classification and labelling of chemicals:**

- Eye Damage 1
- Skin Irrit. 2

**Label elements:**

Hazard Pictogram:



Signal word:

DANGER

Hazard statements:

H318: Causes serious eye damage.

H315: Causes skin irritation.

Precautionary statements:

- P280: Wear protective gloves and eye protection
- P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.
- P264: Wash hands thoroughly after handling.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P310: Immediately call a POISON CENTER/doctor
- P302+352: IF ON SKIN: Wash with plenty of water.
- P332+313: If skin irritation occurs: Get medical advice/attention.
- P362+364: Take off contaminated clothing and wash it before reuse.

### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

| Ingredients                                | CAS Number | % w/w     |
|--------------------------------------------|------------|-----------|
| Coconut oil derivative                     | 61788-90-7 | 10 - 40%  |
| Ingredients determined not to be hazardous | NA         | up 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. Get medical advice/attention.                                    |
| Skin or clothing contact: | If skin or clothing contact occurs, remove contaminated clothing and flush with running water. If irritation occurs seek medical attention. Wash contaminated clothing before re-use. |
| Ingestion:                | Rinse mouth with water. If swallowed do NOT induce vomiting. Give water to drink. Seek medical attention if symptoms develop.                                                         |
| Inhalation:               | Remove victim from exposure. Keep at rest until fully recovered. Seek medical advice.                                                                                                 |

Medical attention and special treatment: Treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing media

Use water spray, alcohol resistant foam, dry chemical, carbon dioxide to extinguish.

#### Special hazards arising from the substance or mixture:

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

#### 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:

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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

Wear personnel protective equipment in section 8. Stop and contain the spill for salvage or absorb in inert absorbent materials. Do not let spill flow into the drainage.

#### SECTION 7: HANDLING AND STORAGE

- P262: Do not get in eyes, on skin, or on clothing.
- P280: Wear protective gloves and eye protection
- P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P404: Store in a closed container.
- P411: Store at temperatures not exceeding 40°C/ 104°F

#### SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits (Safe work Australia):

| Name          | Cas No | TWA (ppm) | TWA (mg/m3) | STEL (ppm) | STEL (mg/m3) |
|---------------|--------|-----------|-------------|------------|--------------|
| None assigned |        |           |             |            |              |

Personal protective equipment:

- P280: Wear protective gloves and eye protection

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                               |                                          |
|-------------------------------|------------------------------------------|
| Form/Colour/Odour:            | Clear colourless to amber colour liquid. |
| Solubility:                   | Soluble in water.                        |
| Specific Gravity (20°C):      | 0.92 – 1.10                              |
| Rel Vapour Density (air=1):   | N Av                                     |
| Boiling Point (°C):           | 95 – 100°C                               |
| Vapour Pressure (20°C):       | N Av                                     |
| Flash Point, closed cup (°C): | >93°C                                    |
| pH:                           | Not available                            |
| Viscosity:                    | Not available                            |

N Av = Not available

#### SECTION 10: STABILITY AND REACTIVITY

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Chemical stability:               | Stable under normal conditions of use. |
| Conditions to avoid:              | Excessive heat.                        |
| Incompatible materials:           | Strong oxidising agents.               |
| Hazardous decomposition products: | Carbon monoxide and carbon dioxide.    |
| Hazardous reactions:              | None assigned.                         |

#### SECTION 11: TOXICOLOGICAL INFORMATION

Classified according to GHS classification:

Eye damage 1 H318: Causes serious eye damage.

Skin Irrit. 2 H315: Causes skin irritation.

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

#### SECTION 12: ECOLOGICAL INFORMATION

None of the ingredients are classified as PBT or vPvB. All the ingredients are biodegradable. This concentrate is very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment if large amount is spilled into the waterways. Avoid contaminating waterways.

#### SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed. Dispose of the 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

**For 5L and less container sizes, the product is non-DG according to IATA special provision A197, and UN model regulation SP375**

**For container larger than 5 L the following Transport regulations apply:**

##### **Road and Rail Transport**

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

Class: 9

Packing group: III

UN no. UN 3082

Primary risk: 9

Hazchem Code: 3Z

Remarks Shipment permitted

Hazard inducer(s): Alkyldimethylamonoxide in aqueous solution

Note:

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the Australian Dangerous Goods Code when transported by road or rail in: packagings, IBC's, or any other receptacle not exceeding 500 kg (L).

##### **Marine Transport**

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

Class: 9

Packing group: III

UN no. UN 3082

Primary risk: 9

Hazchem Code: 3Z

Remarks Shipment permitted

Hazard inducer(s): Alkyldimethylamonoxide in aqueous solution

**EmS: F-A S-F**

**Marine pollutant: Marine Pollutant**

**EmS: F-A S-F**

**Air Transport**

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
Class: 9  
Packing group: III  
UN no. UN 3082  
Primary risk: 9  
Hazchem Code: 3Z  
Remarks Shipment permitted  
Hazard inducer(s): Alkyldimethylamonoxide in aqueous solution

**SECTION 15: REGULATORY INFORMATION****Country/Region Inventory Status**

All components of this material are listed on the AICS, NZIoC, TSCS, DSL, REACH, CSCL or exempt.

**SECTION 16: OTHER INFORMATION**

Abbreviation/definitions:

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

AICS: Australian Inventory of Chemical Substances

NZIoC: New Zealand Inventory of Chemicals

TSCA: Toxic Substance Control Act (USA)

DSL: Domestic substances list (Canada)

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals (EU)

CSCL: Chemical Substance Control Law (Japan)

Date of SDS preparation: 06/07/2023

“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

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