

SAFETY DATA SHEET**AerisGUARD Corrosion Protection PLUS Blue Aerosol****SECTION 1: IDENTIFICATION**

PRODUCT NAME(S): AerisGUARD™ Corrosion Protection PLUS Blue Aerosol
Product code: AG-CPB-A
Uses: For coating aluminium HVAC coils including microchannel 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

Europe: +356 9940 3485

The USA: 1-908 878 7985

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the mixture****2.1.1** Classification according to GHS

Aerosol cat 3, Eye irritant cat 2, and skin irritant cat 2, skin sensitization cat 1.

2.2 Label elements

Labelling according to GHS

Hazard pictograms:Signal word: WARNINGHazard statements:

H229: Pressurized container: may burst if heated

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

- P264: Wash hands thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P271: Use only outdoors or in a well-ventilated area.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P312: Call a POISON CENTER/ doctor/if you feel unwell.
 P302+352: IF ON SKIN: Wash with plenty of water
 P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
 P362+364: Take off contaminated clothing and wash it before reuse.
 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.
 P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

- 2.3 Other hazards
 None known

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

The following are the ingredients without the non-flammable propellant:

2-butoxyethanol (CAS No. 111-76-2)	2-10%
Isopropanol (CAS 67-63-0)	5-12%
Organic Ingredients determined not to be hazardous	10-40% w/w
Water	qs 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.
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:	Immediately 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

Suitable Extinguishing Media:

Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

Specific Hazards Arising from the Chemical:

Pressurized container: may burst if heated. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapours are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapour and air mixture can create an explosion hazard in confined spaces.

Special Protective Equipment and Precautions for Fire-Fighters:

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing.

Use shielding to protect against bursting containers. Cool fire-exposed containers with water.

SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area. Environmental Precautions: Avoid releases to the environment. Report major spills to authorities as required.

Methods and Materials for Containment/Cleanup: Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Avoid breathing dust/fumes/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for safe storage including any incompatibilities:

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:

2-butoxyethanol:

TWA: 22 ppm or 96.9 mg/m³ [AU]

STEL: 50ppm or 242 mg/m³ [AU]

Consult local authorities for acceptable exposure limits.

2-dimethylaminoethanol:

TWA: 2 ppm or 7.4 mg/m³ [AU]

STEL: 6ppm or 22 mg/m³ [AU]

Consult local authorities for acceptable exposure limits.

Isopropyl alcohol

TWA: 400 ppm or 983 mg/m³ [AU]

STEL: 500ppm or 1230 mg/m³ [AU]

Consult local authorities for acceptable exposure limits.

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.

Eye protection:	Wear eye protection to EN 166 (or local standard).
Body protection:	Wear overalls as necessary to prevent contact.
Hands protection:	Wear impervious gloves.
Respiratory protection:	If inhalation risk from spray mists/vapour exists wear a half face-piece filter respirator suitable for organic particulates/vapour meeting the requirements of AS/NZS 1715 and AS/NZS 1716 (or local standards).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

The following is the property of the mixture without the non-flammable propellant:

Appearance:	Milky blue emulsion.
Specific Gravity (20°C):	0.95 – 1.10
Rel Vapour Density (air=1):	N Av
Boiling Point (°C):	95 – 100°C
Vapour Pressure (20°C):	N Av
pH :	8 - 10
Viscosity (25°C, 100mL cup 3mm hole):	20 – 40 sec
Solubility:	dispersible in water.
N Av =	Not available

SECTION 10: STABILITY AND REACTIVITY
Reactivity

Not reactive

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

Excessive heat above 50°C, flames and sparks, storing under the sun.

Incompatible materials

Strong oxidising agents, strong acids.

Hazardous decomposition products

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION
Eye contact:

Causes serious eye irritation.

Skin contact:

Causes skin irritation

Inhalation:

Not classified

Based on available data, the classification criteria are not met. Not a hazard in normal use. Breathing spray mist may cause irritation.

Ingestion:

May be harmful if swallowed

Respiratory/skin sensitisation:

May cause an allergic skin reaction

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):

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Not classified

Based on available data, on criteria are not met

Aspiration hazard:

Not classified

Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms:

Causes serious eye irritation, skin irritation, may cause an allergic skin reaction, may be harmful if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

This product is not classified as harmful to the aquatic organism by GHS criteria.

Persistence and degradability

Ingredients contained in this preparation are readily biodegradable.

Bioaccumulative potential

Unlikely

Mobility in soil

Unknown

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed as PBT or vPvB.

Other adverse effects

No other adverse effects are anticipated.

SECTION 13: DISPOSAL CONSIDERATIONS

Safe Handling and Disposal Method:

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated.

Disposal of Contaminated Packaging:

Empty containers may be disposed of through normal waste management options.

Environmental Regulations:

Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

DANGEROUS GOODS CLASS 2.2 NON-FLAMMABLE AEROSOL, UN1950

Marine Transport

DANGEROUS GOODS CLASS 2.2 NON-FLAMMABLE AEROSOL, UN1950, not a marine pollutant.

Air Transport

DANGEROUS GOODS CLASS 2.2 NON-FLAMMABLE AEROSOL, UN1950.

SECTION 15: REGULATORY INFORMATION

Country/Region Inventory Status

All components of this material are listed on the US TSCS inventory, and on the Canadian Domestic Substances List (DSL)

SECTION 16: OTHER INFORMATION

None that hasn't been defined above.

Date of SDS revision: 17/05/2018



“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

