

SAFETY DATA SHEET
AERISGUARD CORROSION PROTECTION PLUS BLUE

SECTION 1: IDENTIFICATION

PRODUCT NAME(S): **AerisGUARD™ Corrosion Protection PLUS Blue**
 Product codes: AG-CPB-5
 AG-CPB-20
 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 substance or mixture
 2.1.1 Classification according to GHS
 Flammable liquid (NOT Dangerous Goods for transport), Irritating to eyes, and skin.

2.2 Label elements
 Labelling according to GHS
 Hazard pictograms:



Signal word: WARNING
 Danger: None

Hazard statements:

H226: Flammable liquid and vapour
 H319: Causes serious eye irritation.
 H315: Causes skin irritation.
 H303: May be harmful if swallowed

Precautionary statements:

- P210: Keep away from sparks, open flames and other ignition sources. No smoking.
- P280: Wear protective gloves/protective clothing/eye protection
- 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.
- P337+313: If eye irritation persists get medical advice/attention.
- 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.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P362+364: Take off contaminated clothing and wash it before reuse.

2.3 Other hazards
None known

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Isopropanol (CAS No. 67-63-0)	5 - 20
2-butoxyethanol (CAS No. 111-76-2)	5 - 10%
Organic Ingredients determined not to be hazardous	up to 40% w/w
Water	qs100%

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

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:

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

Emergency procedures: Slippery when spilled. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Do not touch or walk through spilled material.

Methods and materials for containment and clean up procedures: Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled drums for disposal. Wash area down with excess water to remove residual material.

SECTION 7: HANDLING AND STORAGE

- Do not get in eyes, on skin, or on clothing.
- Avoid breathing dust/fume/ gas/mist/vapours/spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Store in a closed container.
- 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)
Isopropyl alcohol	67-63-0	400	983	500	1230
2-Butoxyethanol	111-76-2	20	96.9	50	242

Personal protective equipment:

P280: Wear protective gloves/protective clothing/eye protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky blue emulsion.

Solubility: Dispersible in water.

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

Flash Point, Closed cup, Pensky Martens (°C): 36.5°C

Sustain combustibility: Does not sustain combustion

pH : 8 - 10

Viscosity (25°C, 100 mL cup 3mm hole): 20 – 40 sec

N Av = Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Excessive heat will lead to accelerated oxidative degradation.

Incompatible materials: Reacts with 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 Irrit. 2 H319: Causes serious eye irritation.

Skin Irrit. 2 H315: Causes skin irritation.

Acute oral and inhalation toxicity category 5.

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

SECTION 12: ECOLOGICAL INFORMATION

This product is not classified by GHS as harmful to aquatic organism, however, avoid contaminating water way.

Ecotoxicity

No LC50 data available for this preparation.

Mobility

No data available for this preparation.

Avoid contaminating waterways.

2-butoxyethanol:

Bioconcentration factor (BCF) 3

Log Pow 0.83

Freshwater Algae EC50 (72h) 911 mg/l (Pseudokirchneriella subcapitata)

Toxicity to Aquatic Invertebrate EC50 (48h) 835 mg/l (Daphnia magna)

Freshwater fish EC50 (96h) 2137 mg/l (Pimephales promelas)

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: Empty containers should be forwarded to an approved agent for recycling. Avoid unauthorised discharge to sewer.

Special precautions for landfill or incineration: Material suitable for disposal by incineration or landfill through an approved agent.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15: REGULATORY INFORMATION

Country/Region Inventory Status

All components of this material are listed on the Australian ICS

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

SECTION 16: OTHER INFORMATION

Date of SDS revision: 17/05/18

“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