



PRODUCT CATALOGUE

2023

“Aeris Environmental brings disruptive technology that drives measurable improvements for energy efficiency and indoor air quality in the built environment. The performance and sustainability of assets is greatly improved with Aeris technology and programs”

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HVAC+R (HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION SYSTEMS)

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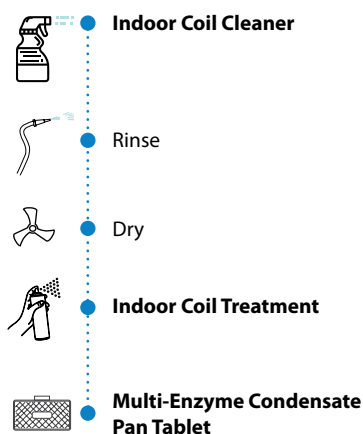
INDOOR COIL CLEANER

MULTI-ENZYME CLEANER FOR USE ON INDOOR HEATING AND COOLING AIR CONDITIONING COILS

CLEANER COILS IMPROVE ENERGY EFFICIENCY AND REDUCE RUNNING COSTS

Over time the surfaces of coils become dirty. Air moving over the coils contains dirt, dust, pollen, moisture and other contaminants. A build-up of contaminants reduces the available surface area for heat transfer reducing the efficiency of the heat transfer process, leading to excess energy consumption, poor indoor air quality and system performance.

For best and optimal results pair Indoor Coil Cleaner with Indoor Coil Treatment and Multi-Enzyme Pan Tablets as below:



PRODUCT OVERVIEW

The AERISGuard™ Multi-Enzyme Coil Cleaner is a proprietary enzyme-based cleaner and surface preparation product for HVAC&R evaporator coils for domestic, commercial and industrial air handling installations.

The product is designed for application to cooling and heating coils in situ as part of a mechanical plant maintenance program. The cleaning process removes existing bacteria, fungi, and other contaminants.

The AERISGuard™ Multi-Enzyme Coil Cleaner is step 1 of the coil cleaning process. When used in conjunction with AERISGuard™ Indoor Coil Treatment, provides up to 12 month residual protection.

FEATURES

- ✓ Efficiency improvement of up to 54.6%
- ✓ Meets DA19 requirements for maintenance
- ✓ Complies with AS/NZ 3666.4 for microbial control
- ✓ Up to 12 months warranty
- ✓ pH neutral safe for users & the environment
- ✓ Australian made
- ✓ HACCP Certified

BENEFITS

- Non-acid, non-alkaline cleaning process
- Suitable for indoor coils
- Specifically formulated to attack and remove all organic deposits found on heat exchange coils
- Broad spectrum of enzymes formulated to break down biological material
- Completely biodegradable and washes down the drain safely
- Odour free
- Highly concentrated product
- Validated coil efficiency improvement of up to 54.6%
- Meets DA19 requirements for maintenance and air quality
- Up to 12 month warranty
- Saves time with quick and easy preparation
- Easy to use and safe in all working environments
- Will not damage or corrode heat exchanger coils
- Easy and safe to transport

DIRECTIONS FOR USE

- Dilute 20:1 with warm water
- Apply diluted solution evenly to both sides of coil
- Leave on coil for 20 minutes
- Wash coil
- Refer to product label instructions, SDS and IFU prior to use

PREPARATION

Product Code	Description	Application
AG-ECC-200	Indoor Multi-Enzyme Coil Cleaner 200ml	20:1 – Makes 4L
AG-ECC-1	Indoor Multi-Enzyme Coil Cleaner 1L	20:1 – Makes 20L

Product Code	Application Rate
AG-ECC-200	50ml/m ² of diluted cleaner
AG-ECC-1	Larger coils refer to SDS/IFU

NOTE: Dilute with warm water 40°C - 60°C.





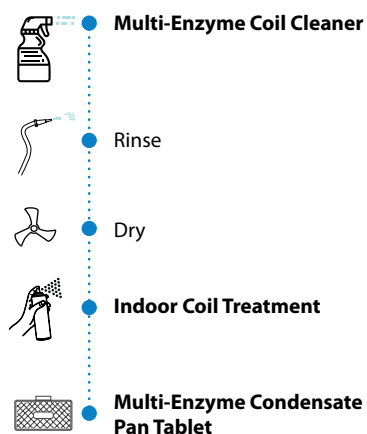
INDOOR COIL TREATMENT

FOR USE ON HEATING AND COOLING AIR CONDITIONING COILS

CLEANER COILS IMPROVE ENERGY EFFICIENCY AND REDUCE RUNNING COSTS

Over time the surfaces of coils become dirty. Air moving over the coils contains dirt, dust, pollen, moisture and other contaminants. A build-up of biofilm and contaminants decreases the available surface area for heat transfer reducing the efficiency of the heat transfer process, leading to excess energy consumption and poor system performance.²

For optimal results, pair with AerisGuard™ Multi-Enzyme Condensate Pan Tablet as below:



PRODUCT OVERVIEW

AerisGuard™ Indoor Coil Treatment is applied insitu to HVAC&R heat exchange coils for domestic, commercial and industrial air handling installations. Ideal as part of an annual maintenance program, it is best applied after cleaning with AerisGuard™ Multi-Enzyme Coil Cleaner.

AerisGuard™ Indoor Coil Treatment is step 2 of the coil cleaning process and when used in conjunction with AerisGuard™ Multi-Enzyme Coil Cleaner, it will provide up to 12 months residual protection to control and prevent mould and odour-causing bacteria. The product minimises recontamination and improves airflow and performance of the heat exchanger during the life of the treatment and optimising energy efficiency, reducing running costs and extending asset life.

FEATURES

- ✓ Kills COVID-19 in 5 minutes
- ✓ Validated coil efficiency improvement of up to 54.6%
- ✓ Meets DA19 requirements for maintenance
- ✓ Complies with AS/NZ 3666.4 for microbial control
- ✓ Up to 12 month warranty
- ✓ Can extend asset life by 3x
- ✓ Australian made
- ✓ HACCP Certified

BENEFITS

- Kills COVID-19 on application with the biostatic coating, providing up to 12 months residual protection to control and prevent mould, fungi and odour causing bacteria.
- Minimises build-up of contaminants and blockages of heat exchanger coil
- Designed for use within high velocity air flow systems
- Easily applied on-site
- Validated coil efficiency improvement of up to 54.6%
- Meets DA19 requirements for maintenance
- Complies with AS/NZ 3666.4 for microbial control
- Up to 12 month warranty
- Minimises corrosion

DIRECTIONS FOR USE

- Once coil has been cleaned using Aeris Multi Enzyme Coil Cleaner allow to dry
- Apply using airless spray gun for best results
- Apply an even coverage to both sides of the Coil
- Allow 10-20 minutes to dry and ensure no odour present before turning unit on
- Refer to IFU 002 Rev02 for full Instructions www.aeris.com.au

PREPARATION

Product Code	Description	Application
AG-CT-A	Indoor Coil Treatment Aerosol 200g	Ready to use
AG-CT-5	Indoor Coil Treatment 5L	Ready to use

Product Code	Application Rate
AG-CT-A	550ml/m ²
AG-CT-5	(100mm deep coil 12 fins/inch)

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**





SURFACE CLEANER & SANITISER

CLEANER & SANITISER FOR USE ON HARD SURFACES

CLEANER SURFACES IMPROVES HYGIENE AND REDUCES OPERATING COST

Over time hard surfaces including those in HVAC&R systems become soiled from dirt, dust, pollen, moisture and other contaminants. Organic and inorganic contaminants increase mould and bacteria growth on all surfaces, leading to poor hygiene. In HVAC&R systems soilage leads to diminished indoor air quality, increased energy consumption and give poor system performance.

For best practice and optimal results pair AerisGuard™ Surface Cleaner & Sanitiser with Surface Treatment



● Surface Cleaner & Sanitiser



● Bioactive Surface Treatment

PRODUCT OVERVIEW

AerisGuard™ Surface Cleaner & Sanitiser is designed to provide a simple one step clean and sanitise solution for hard surfaces including those in HVAC&R systems, cool rooms, refrigerated transport and all other hard surfaces.

The easy-to-use spray-on, wipe-off process effectively removes contaminants from hard surfaces.

AerisGuard™ Surface Cleaner & Sanitiser is designed to be use in conjunction with AerisGuard™ Bioactive Surface Treatment. This two step process provides long-term residual protection against microbial growth and contamination of the cleaned and treated surfaces.

FEATURES

- ✓ HACCP Certified
- ✓ Complies with AS/NZ 3666 for microbial control/hygiene
- ✓ One step clean and sanitise
- ✓ Improved indoor air quality

BENEFITS

- Non-acid, non-alkaline cleaning process
- Superior cleaning solution
- Designed specifically for air conditioning, and refrigeration equipment
- Compatible with all common cleaning processes
- Multiple modes of application
- No harsh chemicals
- Saves time with quick and easy preparation
- Easy to use and safe in all work environments
- Can be used on all surfaces including seals
- Kills 99.9% of odour causing bacteria
- Complies with DA19 maintenance for best practice
- Maintenance labour savings

DIRECTIONS FOR USE

- Apply product directly to surface and wipe with cloth, sponge or mop
- Surface can be pressure cleaned if hard to remove soiling
- Application rate as required
- For best results apply Aeris Surface Treatment after cleaning
- Refer to IFU for further details

PREPARATION

Product Code	Description	Application
AG-SCS-1R	Surface Cleaner & Sanitiser 1L	Ready to use
AG-SCS-5R	Surface Cleaner & Sanitiser 5L	Ready to use
AG-SCS-5C	Surface Cleaner & Sanitiser Concentrate 5L	10:1 Makes 50L

Product Code	Application Rate
AG-SCS-1R	
AG-SCS-5R	As required. Spray on and wipe off
AG-SCS-5C	



-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**





SURFACE TREATMENT

BIOACTIVE MULTI-PURPOSE SURFACE TREATMENT UP TO 12 MONTHS PROTECTION

LONG TERM SURFACE HYGIENE REDUCES TIME & LABOUR THROUGH LESS FREQUENT CLEANING

Over time hard surfaces including those in HVAC&R systems become dirty from the build-up of dirt, dust, pollen, moisture and other contaminants. The prevention of mould, and bacteria regrowth on all surfaces, leads to improved hygiene maintained over a 12 month period.¹

For best practice and optimal results, pair with Surface Cleaner and Sanitiser as part of a two step clean/treat process



● Surface Cleaner & Sanitiser



● Bioactive Surface Treatment

PRODUCT OVERVIEW

AerisGuard™ Bioactive Surface Treatment is used for treating walls, floors, ceilings and surfaces including in air-handling systems and cold storage rooms, to prevent the growth of bacteria and mould for up to 12 months.¹

When inadequately maintained, these surfaces become colonised with bacteria and mould. AerisGuard™ Bioactive Surface Treatment is a residual treatment that ensures bacterial and fungal regrowth is greatly reduced following mechanical and general cleaning. It can be applied with a damp mop or wiped onto all surfaces physically accessible. It can be fogged through the system to ensure total coverage.

Ideal as part of an annual maintenance program, applied after cleaning with AerisGuard™ Surface Cleaner & Sanitiser.

TREATING SURFACES AND SYSTEMS WITH BIOACTIVE SURFACE TREATMENT ENSURES:

- ✓ Kills COVID-19 in 5 minutes
- ✓ Improved surface hygiene
- ✓ Prolonged asset and equipment life
- ✓ Prevention of regrowth of mould and odour causing bacteria
- ✓ Improved air quality and efficiency in air handling and refrigeration systems

BENEFITS

- Kills COVID-19 on application with the biostatic coating, providing up to 12 months' protection to control and prevent mould and odour causing bacteria
- Remains inert on surfaces until activated by moisture
- Application is fast, efficient and easy
- Specifically designed for use on all general surfaces within air-conditioning systems, including high velocity systems with no off gassing
- Used on all surfaces including seals
- Improves air quality in refrigerated systems
- Reduces maintenance
- Extends equipment life
- Improves system hygiene
- Minimises corrosion
- Controls build-up of contamination for up to 12 months
- Easy application including direct spray, cold fogging and surface wiping

DIRECTIONS FOR USE

- Apply using pump pack, aerosol or airless spray gun
- Apply evenly to surface using 60ml per sq. mtr using a rag, cloth or mop
- Leave product to dry before turning equipment on
- Refer to IFU for further details

PREPARATION

Product Code	Description	Application
AG-ST-A	Bioactive Surface Treatment Aerosol 400g	Ready to use
AG-ST-5	Bioactive Surface Treatment 5L	Ready to use
AG-ST-20	Bioactive Surface Treatment 20L	Ready to use

Product Code	Application Rate
AG-ST-A	60ml/m ² Refer to SDS for further deetails
AG-ST-5	
AG-ST-20	



- CLEANS**
- PROTECTS**
- OPTIMISES**





FILTER TREATMENT

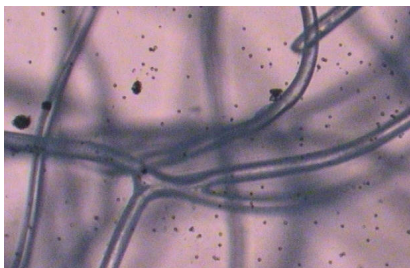
BIOACTIVE PATENTED TECHNOLOGY FOR USE ON HVAC&R FILTERS

CLEANER FILTERS IMPROVE INDOOR AIR QUALITY AND PERFORMANCE OF HVAC&R SYSTEMS

HVAC&R filters become dirty with a build-up of contaminants that harbour bacteria, mould and even viruses. This can affect air quality, as well as lead to excess energy consumption as the unit must work harder to maintain airflow.



Untreated (Filter Fibres)



Treated (Filter Fibres)

PRODUCT OVERVIEW

The AerisGuard™ Bioactive Filter Treatment is applied to air filters at the time of installation or to existing filters. The filter treatment is based on patented technology that ensures slow migration of a combination of active compounds into dust particles trapped within the filter. Dust particles provides a source of nutrients for odour-causing bacteria and mould, which rapidly grow colonies in untreated air filters. Towards the end of its working life, a typical filter is highly contaminated. Aside from the potential human health consequences, the proliferation of the mould and odour causing bacteria ultimately leads to the filter becoming blocked.

Application of the AerisGuard™ Bioactive Filter Treatment dramatically reduces mould and odour-causing bacteria growth, thereby extending the filter life, improving dust retention, reducing energy consumption and improving indoor air quality.

FEATURES

- ✓ Kills COVID-19 in 5 minutes
- ✓ Improves airflow up to 300%
- ✓ Complies with AS/NZ 3666 for hygiene
- ✓ DA19 compliance for maintenance
- ✓ Prolong asset and equipment life
- ✓ Reduce energy consumption through correct airflow
- ✓ USEPA Registered
- ✓ Up to 12 months residual protection against mould and bacteria

BENEFITS

- Kills COVID-19 on application when the residual biocide is coated onto filter fibres, controls and prevents mould and odour-causing bacteria from colonising
- Treatment migrates to dust particles making it toxic as a food source for micro-organisms
- Treatment is designed to stay on filter fibres even under extreme air flows
- By controlling odour-causing bacteria and mould colonisation the filter airflow is maintained
- The treatment assists in the capture of finer particles reducing their harmful effect on indoor air quality
- Indoor air quality compliant
- Improves airflow by maintaining uniform pressure drop across the filter
- Increases filter efficiency
- Extends filter life
- Reduces the number of filter exchanges

DIRECTIONS FOR USE

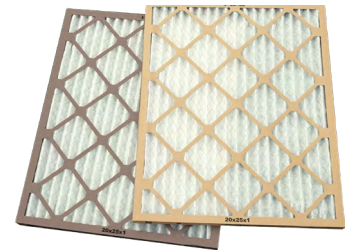
- HEPA vacuum existing filters before application
- Using airless spray gun apply up to 150ml on cardboard filters avoiding frame
- Deep bed and pocket bags apply up to 330ml
- All material should be treated and wet through
- Refer to IFU for further details

PREPARATION

Product Code	Description	Application
AG-FT-1	Bioactive Filter Treatment 1L	Ready to use
AG-FT-5	Bioactive Filter Treatment 5L	Ready to use

Product Code	Application Rate
AG-FT-1	As per IFU
AG-FT-5	As per IFU

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**





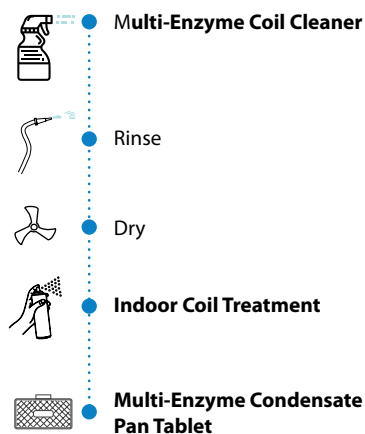
CONDENSATE PAN TABLET

**MULTI-ENZYME TABLETS
FOR USE IN AIR CONDITIONING
DRAIN PANS AND TRAYS**

PREVENT BIOFILM BUILD-UP

Over time biofilm builds up in condensate trays. A build-up of contaminants can cause blockages in condensate drain pans and drain lines. This can cause water to overflow and risk damage to equipment and property.

For best practice and optimal results pair Multi Enzyme Coil Cleaner & Indoor Coil Treatment as below:



PRODUCT OVERVIEW

The AerisGuard™ Multi-Enzyme Condensate Pan Tablet is an advanced multi-functional composition containing specifically selected enzymes and biocides to minimise biofilm formation in condensate drain pans and drain lines. Safe and effective removal and prevention of biofilm minimises the risk of blockages and condensate overflow. This minimises the risk of property damage.

The AerisGuard™ Multi-Enzyme Condensate Pan Tablet is contained in a unique cage, which has been engineered to ensure that it can be located in the most effective position in the condensate tray.

FEATURES

- ✓ Available in 3 sizes
- ✓ Environmentally safe for waste water discharge
- ✓ Non- corrosive formulation

BENEFITS

- Designed to last 6-12 months
- Provides protection between maintenance intervals
- Helps eliminate blockages and condensate overflow

DIRECTIONS FOR USE

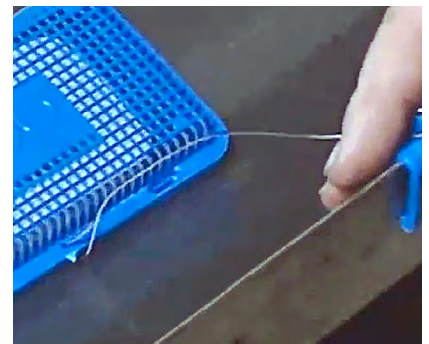
- Place appropriate sized tablet vertically or horizontally so that some of the tablet is in contact with the moisture in condensate tray.
- A metal tie is included to tie tablet off.
- For Unit size refer to IFU 015

PREPARATION

Product Code	Description	Application
AG-PT-SLIM	Multi-Enzyme Condensate Pan Tablet Slimline 10 units (Tablet size: 20x99x7mm)	Ready to use
AG-PT-SMALL	Multi-Enzyme Condensate Pan Tablet Small 5 units (Tablet size: 65x95x15mm)	Ready to use
AG-PT-LARGE	Multi-Enzyme Condensate Pan Tablet Large 5 units (Tablet size: 75x130x25mm)	Ready to use

Product Code	Application Rate
AG-PT-SLIM	One per wall split system AC Unit
AG-PT-SMALL	One per unit up to 30kW
AG-PT-LARGE	One per unit up to 90kW (multiple can be used)

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



As a guide use small tablet up to 10kW systems and large tablet over 10kW.
Always refer to the product label instructions, SDS and IFU prior to use.



DUCT COATING & SEALANT

PERFORMANCE SOLUTION

LEADING EDGE COATING AND TREATMENT IDEAL FOR HVAC DUCT SYSTEMS

- Sealing of floor, walls and roofs during remediation process
- Available in black or traditional white
- Seals air leaks

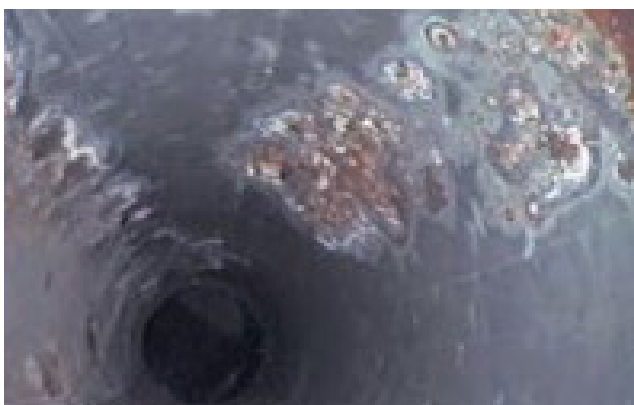
PRODUCT OVERVIEW

Designed specifically for the air conditioning ventilation system, AerisGuard™ Duct Coating & Sealant is used to provide a barrier inside the ventilation ductwork to inhibit odour-causing bacteria build-up on the surface of the coating. Perfect for protecting old insulation lining.

Aeris' unique formulation is a low VOC, low odour product in both raw and applied states. This unique benefit allows application of the product as required and does not need to be done after hours. In fact, the product has been applied in a hospital ward whilst the ward was fully functioning.

FEATURES

- ✓ Australian made
- ✓ Safe for the applicator when used according to the directions for use
- ✓ Passes UL-181.11-2013 Burn Test
- ✓ Passes AS/NZS 1530.3-1999 Fire Test



BEFORE



AFTER

BENEFITS

- Leading edge coating and treatment – ideal for HVAC duct systems
- Designed to adhere to all surface used in HVAC duct systems
- Prevents colonisation by odour causing bacteria and mould on the surface of the coating for 10 years
- Extremely low odour
- Scientifically advanced – water based formulation, extremely low degree of human toxicity
- Fast and easy application
- HVAC system restart achievable within 1 hour of application
- Crack resistant
- Black pigment available – reduce stock requirements

DIRECTIONS FOR USE

- Mix bucket for 10mins with drill mixer attachment
- Mix until consistent viscosity
- Use airless spray gun for large applications
- Can paint on for smaller applications
- Where sealing ductwork or old damaged insulation apply a few thin layers
- Refer to IFU for further details

PREPARATION

Product Code	Description	Application
AG-DS-15	Duct Coating & Sealant 15kg	Ready to use
AG-DSBP	Duct Sealant Black Tint	1 pot per pail

Product Code	Application Rate
AG-DS-15	0.7-2.5l/m ²
AG-DSBP	

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**

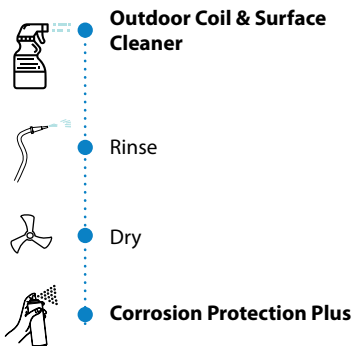




OUTDOOR COIL & SURFACE CLEANER

FOR USE ON OUTDOOR HVAC&R COILS

For best practice and optimal results pair AerisGuard™ Corrosion Protection Plus with Outdoor Coil & Surface Cleaner as below:



PRODUCT OVERVIEW

AerisGuard™ Outdoor Coil & Surface Cleaner is formulated to remove the wide variety of materials that build up on condenser coils and associated surfaces over time.

With maintenance being key in extending asset life the product not only provides a time and cost effective solution to cleaning, it is also the optimal surface preparation for AerisGuard™ Corrosion Protection Plus.

FEATURES

- ✓ Targets both organic and inorganic debris
- ✓ Requires no specialised disposal when rinsed from coils and surface
- ✓ Effectively removes scale from condenser coils



BENEFITS

- Specifically formulated to attack and remove all organic and inorganic deposits found on heat exchange condenser coils
- Completely biodegradable and washes down the drain safely
- Can reduce the need for heavy duty pressure cleaning
- Odour free
- Compatible with all metal surfaces
- Validated system efficiency improvements up to 35% of power use
- Meets DA19 guidelines for maintenance
- Saves time with no detailed preparation required
- Easy to use and safe in all working environments
- Will not damage or corrode heat exchange coils
- Easy and safe to transport
- Provides ideal preparation for AerisGuard™ Corrosion Protection

DIRECTIONS FOR USE

- Use product without dilution
- Apply so that all surfaces are thoroughly wet
- Leave on surface for 20 min
- Wash surface using hose then pressure washer
- Refer to IFU for further details

PREPARATION

Product Code	Description	Application
AG-OCC-1	Outdoor Coil & Surface Cleaner 1L	Ready to use
AG-OCC-5	Outdoor Coil & Surface Cleaner 5L	Ready to use

Product Code	Application Rate
AG-OCC-1	Specific to machine; please refer to IFU 005
AG-OCC-5	

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**

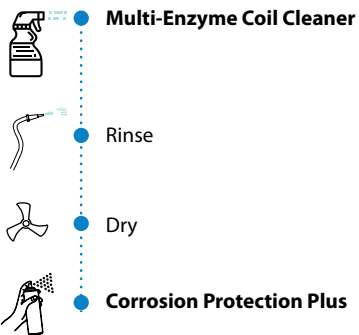




NEW COIL & SURFACE CLEANER

FOR USE ON NEW COILS

For best practice and optimal results pair with AerisGuard™ Corrosion Protection Plus as below:



PRODUCT OVERVIEW

AerisGuard™ New Coil & Surface Cleaner is specially formulated to remove stamping oils and waxes from the manufacturing process creating the ideal surface preparation for best Corrosion Protection Plus adhesion.

With maintenance being key in extending asset life the product not only provides a time and cost effective solution to cleaning, it is also the optimal surface preparation for AerisGuard™ Corrosion Protection Plus.

FEATURES

- ✓ For use in OEM or other applications for new coils
- ✓ Cost effective solution for surface preparation
- ✓ Non-corrosive
- ✓ Biodegradable
- ✓ Removes processing oils deposited during the manufacturing process
- ✓ Requires no specialised disposal when rinsed from coils and surfaces
- ✓ Highly concentrated solution

BENEFITS

- Specifically formulated to remove all processing oils and lubricants, used during manufacturing of heat exchange coils
- Validated against a number of processing oils and lubricants currently used by a range of OEM manufacturers globally
- Completely biodegradable and washes down the drain safely
- Can reduce the need for heavy duty pressure cleaning
- Compatible with all metal surfaces
- Validated system efficiency improvements up to 35% of power use
- Meets DA19 guidelines for maintenance
- Saves time with no detailed preparation required
- Easy to use and safe in all working environments
- Will not damage or corrode heat exchange coils
- Easy and safe to transport
- Provides ideal preparation for AerisGuard™ Corrosion Protection

DIRECTIONS FOR USE

- Dilute into 5-10% solution
- Apply so that all surfaces are thoroughly wet
- Leave on surface for 20 min
- Wash surface using hose then pressure washer
- Refer to IFU for further details

PREPARATION

Product Code	Description	Application
AG-NCSC-5	Coil & Surface Cleaner for New Coils 5L	Makes up to 100L
AG-NCSC-20	Coil & Surface Cleaner for New Coils 20L	Makes up to 400L
AG-NCSC-200	Coil & Surface Cleaner for New Coils 200L	Makes up to 4,000L

Product Code	Application
AG-NCSC-5	Specific to application; please refer to IFU 035 or IFU038 for OEM applications
AG-NCSC-20	
AG-NCSC-200	

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



Always refer to the product label instructions, SDS and IFU prior to use.



CORROSION PROTECTION PLUS

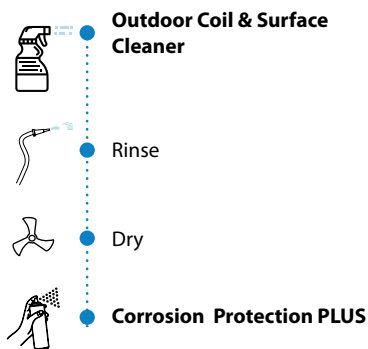
COATING FOR USE ON HVAC&R UNITS AND COILS

CORROSION PROTECTION IMPROVES ENERGY, REDUCES COST

Highly corrosive and/or coastal environments reduce the effective lifespan of metals, air conditioning, refrigeration and all metallic surfaces.

AerisGuard™ Corrosion Protection PLUS is a self-etching high performance modern polymeric water based coating that has been specifically designed for in-the-field applications to coat and protect metallic surfaces.

For best practice and optimal results¹ pair with AerisGuard™ Outdoor Coil & Surface Cleaner as below:



PRODUCT OVERVIEW

AerisGuard™ Corrosion Protection Plus is applied pre or post installation to HVAC&R units and coils in domestic, commercial and industrial evaporator and condenser units. This is applied as step 2 of the corrosion protection process. When used in conjunction with AerisGuard™ Outdoor Coil and Surface Cleaner it offers up to 5 years protection.

Ease of application with aerosol or bulk product making it possible for service technicians to use and remove the need and cost for specialist applicators. Tested over 46,000+ hrs ASTM B117-11 salt spray resistance and has no effect on air flow or heat exchange performance.

FEATURES

- ✓ Water based polymer coating
- ✓ Applied between 4 to 10 microns
- ✓ Hydrophilic
- ✓ Flexible
- ✓ Abrasion resistant
- ✓ Self Cleaning
- ✓ Aerosol or bulk application to suit

BENEFITS

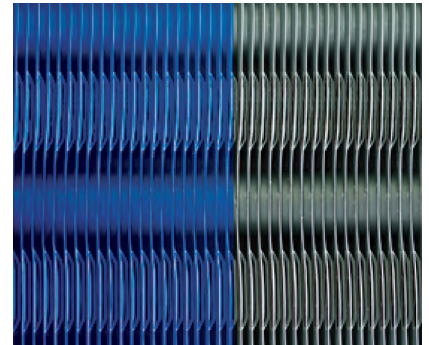
- Energy efficiency gains up to 35%
- 46,000 + hrs ASTM B117 spray resistance test
- Reduced costs vs traditional off site or specialist applicator options
- Easy to Apply
- No effects on heat transfer
- Durable through weather (sandstorms) and movement

DIRECTIONS FOR USE

- Clean coil/surface using appropriate Aeris cleaner
- Ensure asset to be coated is entirely dry
- Using airless spray gun apply a number of thin coats to achieve uniform coating
- Consult IFU for application rates for low, mild and high corrosive environments



 **PROTECTS**
 **OPTIMISES**



PREPARATION

Product Code	Description	Application
AG-CPB-A	Corrosion Protection Blue Aerosol Can	20ml/m ² for flat metallic surfaces ¹
AG-CPB-5	Corrosion Protection Blue 5L	
AG-CPB-20	Corrosion Protection Blue 20L	200ml/m ² for 100mm deep coil at 12 fins per inch ¹
AG-CPC-A	Corrosion Protection Clear Aerosol Can	
AG-CPC-5	Corrosion Protection Clear 5L	1 Rates for low level Corrosive Environment
AG-CPC-20	Corrosion Protection Clear 20L	



Always refer to the product label instructions, SDS and IFU prior to use.



MOULD PRO™

TRIPLE ACTION CLEANER TO FIGHT AND PREVENT MOULD REGROWTH



PRODUCT OVERVIEW

Aeris Mould Pro is suitable for use on a range of surfaces including walls, floors, tiles, carpets, curtains, blinds and lounges. Also great for cars and boats where mould is a recurring issue.

FEATURES

- ✓ Kills mould
- ✓ Removes stains caused by mould
- ✓ Prevents regrowth of mould

WHERE TO USE



CURTAINS



TILES



LOUNGES



FLOORS AND WALLS



CARPETS



CARS



BOATS



FLOORING

DIRECTIONS FOR USE

- Spray Aeris Mould Pro on the surface until the area is evenly covered
- Leave for 10 minutes allowing Aeris Mould Pro to penetrate
- Wipe to remove visible dirt and mould
- If rinsing is required, rinse with water, repeat the application of Aeris Mould Pro and allow to dry for an extra layer of protection.

PREPARATION

Product Code	Description	Application
AG-MP-750	Aeris Mould Pro 750ml	Ready to use
AG-MP-5	Aeris Mould Pro 5L	Ready to use



Always refer to the product label instructions, SDS and IFU prior to use.

NEW LEMON
FRAGRANCE



AERIS DEFENCE™

HOSPITAL GRADE BROAD-SPECTRUM
ANTIMICROBIAL SURFACE DISINFECTANT

PROVEN EFFICACY AGAINST COVID-19 FOR UP TO 24 HOURS¹



HOSPITAL GRADE



**ACTIVE FOR
UP TO 24 HOURS**



**BIODEGRADABLE
RESIDUAL BARRIER**



**SINGLE STEP
APPLICATION**

BROAD-SPECTRUM ANTIMICROBIAL DISINFECTANT CLEANER WITH OUTSTANDING ONGOING PROTECTION

Aeris Defence provides long-term infection control with an invisible protective film, ensuring clinical surfaces are cleaner for longer.

- ✓ Kills COVID-19, influenza virus and a broad spectrum of bacteria
- ✓ Single step clean and disinfect after one application (no need to pre-clean surfaces)
- ✓ Provides on-going disinfection against COVID-19 for 24 hours with 9 ½ minutes contact time after a single application
- ✓ Compatible with most natural and synthetic surfaces susceptible to microbial colonisation

24 HOUR
DISINFECTION
AND MICROBIAL
PROTECTION

1. ARTG Certificate No. 387667 - April 2022

Active ingredients:
0.5% w/w Quaternary Ammonium Compounds, Benzyl-C12-16 Alkyldimethyl, Chlorides.

APPROVED FOR USE IN:

✓ **Dental and General Practitioner Surgeries, Laboratories, Pathology and Medical Imaging Clinics:**

Cleaning and disinfecting hard surfaces including tables, benches, counter tops, stools, door handles, bathroom facilities, fume cabinets and others.

✓ **Child Care and Aged Care:**

Cleaning and disinfecting hard surfaces such as cribs, change tables, cots and bed frames, as well as tables, benches, counter tops, chair, trolleys, door handles, telephones, intercoms, bathroom facilities and other hard surfaces.

✓ **Hospitals and Clinics:**

Cleaning and disinfecting hard surfaces in rooms and common areas such as floors, walls, door handles, bathrooms, bed frames, trolleys etc.

DIRECTIONS FOR USE:

To clean and disinfect spray liberally Aeris Defence onto the surface and wipe soiling with a clean cloth and leave to dry.

CAUTION: For food contact surfaces and items such as utensils, cutting boards, cookware: Rinse thorough with potable water before use.

NOTE: Aeris is not approved for disinfection of medical devices



TO DISINFECT AND PROTECT FOR 24 HOURS

Spray on, wipe and allow to dry for 9 ½ minutes

PREPARATION

Product Code	Description	Application
AG-AD-750	Aeris Defence 750mL Trigger Spray	Ready to use
AG-AD-5	Aeris Defence 5L	Ready to use



Listed in the Australian Register of Therapeutic Goods – ARTG No. 387667.
Always read the label and follow the directions for use.



DRAIN DEFENCE

DRAIN ODOUR CONTROL

KILLS SOURCE OF THE ODOUR, DOESN'T SIMPLY MASK IT

- Natural mould and odour control
- Powerful foam for maintaining healthy drains
- Controls the spread of odour producing microorganisms by disrupting their germination
- Contains a concentrated mix of probiotic spores which out-compete odour producing bacteria and mould

PRODUCT OVERVIEW

A revolutionary probiotic formulation for effective maintenance of drains. Actively breaks down organic debris that cause blockages and odours.

Eliminates odours by consuming odour producing organic molecules.

For domestic, commercial and industrial use.

FEATURES

- ✓ **Australian made**
- ✓ **Non-corrosive and readily biodegradable**

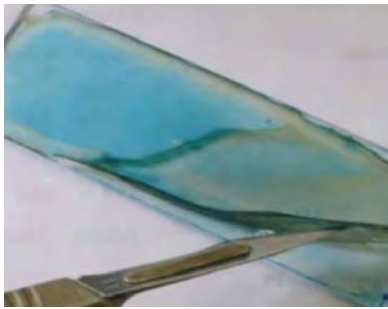
DIRECTIONS FOR USE

- Shake well before use
- Direct nozzle into drain and press actuator until the foam completely fills the drain. Leave overnight then flush with warm water. For best results, repeat on a weekly basis.

PREPARATION

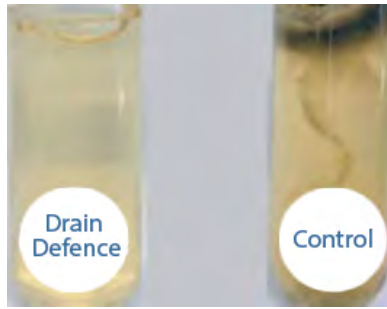
Product Code	Description	Application
AG-AS-A	Odour Defence Foam 400g Aerosol	Ready to use

Application Environment	Application Rate	Application Method	Process Notes
Mould and odour control	Spray until foam is visible over drain	Spray	Let the foam sit for 30 minutes or leave overnight for best results



When applied, Drain Defence dries into a clear non-tacky semi-permanent film – an invisible barrier that biochemically prevents future mould growth.

This blue film has been dyed and increased solids content to make this visible.

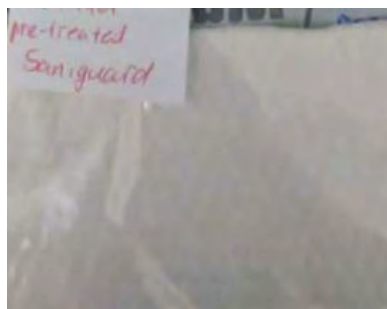


Drain Defence suppresses mould growth even in a microbiological medium specifically formulated to promote fungal growth.

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



Aspergillus niger deposited on cloth pre-treated with alcohol. After 6 months.



Aspergillus niger deposited on cloth pre-treated with Drain Defence. After 6 months.



Always refer to the product label instructions, SDS and IFU prior to use.



AERISHIELD

SURFACES MOULD AND ODOUR CONTROL

KILLS SOURCE OF THE ODOUR, DOESN'T SIMPLY MASK IT

- Effective odour control
- Eliminates foul odours produced by bacteria
- Prevents mould growth
- Controls the spread of odour-producing mould by disrupting the germination of their spores

PRODUCT OVERVIEW

Aerishield™ is a unique formulation which provides a biochemical barrier against mould and eliminates odours by digesting odour-producing molecules.

The combination of enzymes in Aerishield™ helps to prevent mould colonisation and offensive odours.

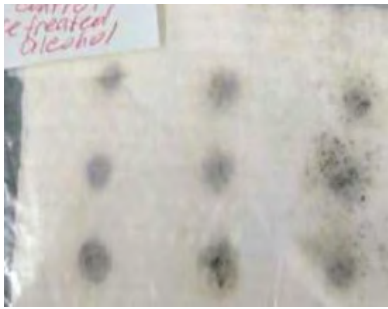
Aerishield™ leaves an invisible barrier that encapsulates mould-fighting natural enzymes and probiotics. The probiotics remain dormant during the dry season. When growth conditions are favourable probiotics out-compete mould for nutrients and moisture.

FEATURES

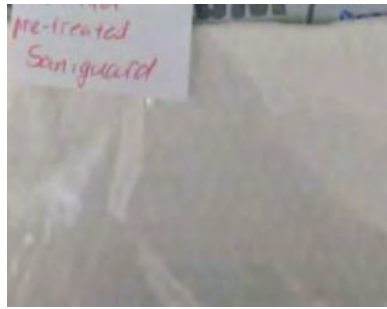
- ✓ **Australian made**
- ✓ **Non-corrosive and readily biodegradable**

DIRECTIONS FOR USE

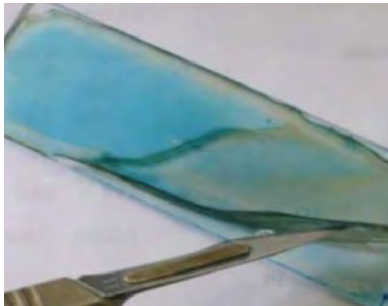
- On soft surfaces - Spray Aerishield™ on new or pre-cleaned surfaces at 30-40mL per sqm (12-16 sqm per L) The coating will dry within 5-10 minutes.
- Re-apply every 2-3 months after exposure to large quantities of water.



Aspergillus niger deposited on cloth pre-treated with alcohol. After 6 months.

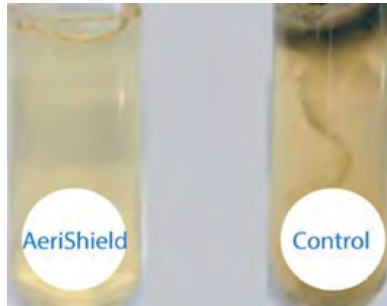


Aspergillus niger deposited on cloth pre-treated with AeriShield. After 6 months.



When applied, AeriShield™ dries into a clear non-tacky semi-permanent film – an invisible barrier that biochemically prevents future mould growth.

*This blue film has been dyed and increased solids content to make this visible.



AeriShield™ suppresses mould growth even in a microbiological medium specifically formulated to promote fungal growth.

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



PREPARATION

Product Code	Description	Application
AG-AS-750	Aerishield Treatment 750mL	Ready to use
AG-AS-1	Aerishield Treatment 1L Spray	Ready to use
AG-AS-5	Aerishield Treatment 5L Spray	Ready to use
AG-AS-20	Aerishield Treatment 20L Spray	Ready to use

Application Rate	Application Method	Process Notes
30-40mL/m ²	Spray or coat	The coating will dry within 5-10 minutes



Always refer to the product label instructions, SDS and IFU prior to use.



DISINFECTING PAPER ROLL

BIODEGRADABLE DISINFECTING PAPER SHEETS

HARD SURFACE DISINFECTING PAPER ROLL

- Eco-breakthrough
- Biodegradable paper
- Water activated paper sheets

PRODUCT OVERVIEW

Aeris Hard Surface Disinfecting Paper Towel is a unique single use paper towel that is simple to use and fully biodegradable. Activated with water, the paper towel will effectively disinfect a surface without the need for extra bottles of disinfectant or wet wipes. It's environmentally friendly, made from renewable sources and PEFC certified. Use Aeris Hard Surface Disinfecting Paper on any hard surface in kitchens, bathrooms, food preparation areas, children's play areas, aged care facilities and other communal spaces.

FEATURES

- ✓ 99.9% reduction in bacteria
- ✓ Anti-bacterial efficacy
- ✓ Biocide immediately activated by water
- ✓ Environmentally friendly and fully biodegradable

PREPARATION

Product Code	Description	Application
AG-HSUR-8x90	Hard Surface Disinfecting Paper roll (450 sheets 18cm x 20cm size)	2-3 sheets, as required



PEFC: Programme for the Endorsement of Forest Certification)
Always refer to the product label instructions, SDS and IFU prior to use.



PAPER HAND TOWEL

BIODEGRADABLE ANTI-BACTERIAL PAPER ROLL

HAND SANITISING PAPER ROLL

- Eco-breakthrough
- Biodegradable paper
- Water activated paper sheets
- Provides superior hand sanitisation to hand washing alone

PRODUCT OVERVIEW

Aeris Hand Sanitising Paper Towel is a unique single use paper towel that is simple to use and fully biodegradable. Activated with water, the paper towel will effectively sanitise your hands adding an additional antibacterial protection to your hand hygiene regime. It's environmentally friendly, made from renewable sources and PEFC certified. For best results use Aeris Hand Sanitising Paper Towel in your kitchen or bathroom.

FEATURES

- ✓ **99.9% anti-bacterial efficacy**
- ✓ **Active biocide widely used within medical areas**
- ✓ **Superior to hand hygiene as not everyone will wash with soap**
- ✓ **Biocide immediately activated by water**
- ✓ **Environmentally friendly and fully biodegradable**
- ✓ **Commercially attractive vs. standard hand paper products with no efficacy**
- ✓ **Significant value-add vs. standard paper towel products and hand dryers**

PREPARATION

Product Code	Description	Application
AG-HAND-8x90	Actisan Hand Sanitising Paper roll (450 sheets 18cm x 20cm size)	2-3 sheets as required



PEFC: Programme for the Endorsement of Forest Certification)
Always refer to the product label instructions, SDS and IFU prior to use.



HEAVY DUTY CLEANER

**ENVIRONMENTALLY FRIENDLY
MULTI PURPOSE**

HEAVY DUTY CLEANER AND DEGREASER

- HD Cleaner can be diluted 5:1 for the cleaning of lightly soiled surfaces
- HACCP Approved
- Enables aggressive cleaning with OH&S for users
- Environmentally sustainable
- No special storage or disposal required

PRODUCT OVERVIEW

AerisGuard™ Heavy Duty Cleaner is an aggressive multi-purpose cleaning product aimed at heavily soiled surfaces.

AerisGuard™ Heavy Duty Cleaner is formulated to attack greasy and other major fouling deposits seen in commercial food preparation areas and on equipment. It is ideal for the remediation of range hoods, floors, walls and waste areas.

The cleanliness of commercial kitchen range hoods directly impacts the risk of kitchen fires and unwanted odour. Effective removal is not only a legal requirement but good for return business. AerisGuard™ Heavy Duty Cleaner enables effective cleaning even at suggested dilution levels and gives service companies and end users a cost effective and time saving advantage.

APPLICATIONS SUITABLE FOR THE USE OF HEAVY DUTY CLEANER

- Kitchen extraction hoods and duct work
- Kitchen shelving
- Stainless steel components in food preparation and storage areas
- Heat exchange coils (fouled with grease-based contaminants)
- Waste areas

FEATURES

- ✓ **Safe to use**
- ✓ **Environmentally friendly**
- ✓ **Highly effective**

BENEFITS

- Easy to use formulation, no special storage or disposal required
- pH neutral, non-caustic

DIRECTIONS FOR USE

- Dilute 5:1 or to suit intended purpose
- Can be used by wiping, pressure washing or soaking
- Generously cover surface to be cleaned and use one of the above methods to clean surface
- Use gloves, protective eyewear
- For further details refer to IFU 009

PREPARATION

Product Code	Description	Application
AG-HD-5	Heavy Duty Cleaner 5L	Ready to use
AG-HD-20	Heavy Duty Cleaner 20L	Ready to use

Application Rate

Specific to machine size – For application process, please refer to IFU



-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



Always refer to the product label instructions, SDS and IFU prior to use.



ACTISAN

ALCOHOL-FREE

HAND SANITISER

DEVELOPED FOR PROFESSIONAL STANDARDS

SOCIAL HAND SANITISER

- Non-flammable
- Sanitise hands without water or a towel
- No build up gelling agent on skin
- Sustains natural skin barrier
- Suitable for repeat use on skin



FEATURES

- ✓ Mild (pH 5.5)
- ✓ Skin Compatible
- ✓ Same efficacy as alcohol sanitiser
- ✓ Complies with EN-13727 – Bacterial suspension testing
- ✓ Leaves soft skin feel

DIRECTIONS FOR USE

- Apply ActiSan Alcohol Free Hand Sanitiser on dry hands and rub together until dry
- Hand Sanitiser should not be used as a substitute for proper hand washing
- Use ActiSan Hand Wash to remove dirt from hands

PREPARATION

Product Code	Description	Application
AG-ATSAFHS-100	ActiSan Alcohol-Free Spray Hand Sanitiser 100mL	Ready to use
AG-ATSAFHS-5	ActiSan Alcohol-Free Hand Sanitiser 5L	Ready to use
AG-ASTAFF-150	ActiSan Alcohol-Free Foam Sanitiser 150mL	Ready to use





ACTISAN

HAND SANITISER GEL DEVELOPED FOR PROFESSIONAL STANDARDS

FAST ACTING HOSPITAL GRADE ANTISEPTIC HAND RUB

KILLS GERMS WITHOUT WATER

- Designed for health care professionals
- Medical grade – Registered AUST R 336954 in the Australian Register of Therapeutic Goods
- Proven bactericidal
- Fragrance free
- pH balanced
- Contains 70% v/v Absolute Ethanol
- Active cosmetic moisturisers and emollients counteract drying effects

PRODUCT OVERVIEW

ActiSan Gel is a proprietary formula developed to exacting professional standards which leaves skin soft, fresh and clean.

FEATURES

- ✓ Rinse free and non-sticky
- ✓ Dries quickly
- ✓ Cosmetically enhanced, crystal clear presentation
- ✓ Easy spreading and fast melting
- ✓ Does not run between fingers
- ✓ No “pilling” even after many cycles of use

DIRECTIONS FOR USE

- Apply and rub onto hands sufficient amount of product to ensure all parts of hands are wet for at least 30 seconds.

PREPARATION

Product Code	Description	Application
AG-ATSG-60	Actisan Gel 60mL Flip top	Ready to use
AG-ATSG-125	Actisan Gel 100mL Flip top	Ready to use
AG-ATSG-500	Actisan Gel 500mL Pump	Ready to use
AG-ATSG-750	Actisan Gel 750mL Pump	Ready to use



Always refer to the product label instructions, SDS and IFU prior to use.



ACTIPRO

HAND SANITISER GEL DEVELOPED FOR PROFESSIONAL STANDARDS

HAND SANITISER

- Fast acting
- Sanitise hands without water/towel
- No build up gelling agent on skin
- Sustains natural skin barrier
- Suitable for repeat use on skin



FEATURES

- ✓ Fast drying
- ✓ pH balanced
- ✓ Non-sticky gel
- ✓ Kills 99.9% of germs
- ✓ Contains 70% v/v Absolute Ethanol

DIRECTIONS FOR USE

- Apply Aeris ActiPro Gel into the palm and rub hands together ensuring to cover all parts of hands for at least 30 seconds.

PREPARATION

Product Code	Description	Application
AG-ATSG-500	ActiPro Gel 500mL	Flip top
AG-ATSG-750	ActiPro Gel 750mL	Flip top
AG-ATSG-5S	ActiPro 5L	Bottle



Always refer to the product label instructions, SDS and IFU prior to use.





BEERLINE & BREWERY CLEANER

**MULTI-ENZYME
NON-CORROSIVE, ONE-STEP CLEANER**

CLEAN BEER LINES IMPROVE QUALITY, FLAVOR AND SALES

YEAST: White or grey-coloured surface growth found on beer system components (faucets, keg couplers and drains) that are exposed to air.

MOLD: Brown or black-coloured surface growth found on beer system components (faucets, keg couplers and drains) that are exposed to air.

BEER STONE: Grey or brown in colour, (calcium oxalate) builds up and eventually flakes off if the system is not properly maintained, potentially ending up in the pint and having a negative effect on taste.

BACTERIA: Beer-spoiling bacteria will ruin beer's flavor and aroma. While these micro-organisms are not health risks, they will cause buttery off-flavours called diacetyl, or sour, vinegary off-flavors called acetic acid.

All of these enemies of beer are easily preventable by regular line cleaning, but if left unattended will inevitably lead to dissatisfied customers and lost sales.

PRODUCT OVERVIEW

Cleans and removes organic debris by detaching it from the walls of the lines so particulates can drain.

AerisGuard™ Multi-Enzyme Beerline & Brewery Cleaner provides a safer way to clean and flush the lines, connections and tanks associated with the dispensing and storage of beer. The proprietary blend of enzymes breaks down organic debris from surfaces allowing particulates to drain in the rinsing process.

This non-corrosive, non-caustic, one-step process can save time and is easy to use.

FEATURES

- ✓ The use of a specific formulation of enzymes enables the breakdown of organic debris deposited on the surfaces of the beer line and its fittings
- ✓ The debris is then removed after the enzymatic treatment by flushing the beer line with water at the completion of the cleaning
- ✓ NSF Certified
- ✓ Non-acid, non alkaline
- ✓ Comes in concentrate, 30-50ml per Lt
- ✓ Safe to use
- ✓ Environmentally friendly
- ✓ Highly effective



BENEFITS

- Safe to use, one-step process
- Non-acidic, non-alkaline formula
- Compatible with most cleaning process
- Can be used for couplers and other fittings
- Can improve taste of beer by removing unwanted ingredients as beer is dispensed
- Helps maintain flow by reducing obstructions in line
- Helps improve overall system efficiency
- One-step cleaning process saves time
- Can help reduce microbiological induced corrosion

DIRECTIONS FOR USE

- Mix 20:1 with hot water for first time cleaning
- Mix 35:1 with hot water for maintaining clean lines
- Hot water = 40–70°C
- Allow the solution to circulate or remain static in the lines for at least 30 minutes
- Thoroughly rinse all equipment before use
- For detailed instructions, refer to IFU 013

PREPARATION

Product Code	Description	Application
AG-BL-5	Multi-Enzyme Beerline Cleaner 5L	Makes up to 100L
AG-BL-20	Multi-Enzyme Beerline Cleaner 20L	Makes up to 400L

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO GHS CLASIFICATION



- Wear gloves and protection
- Avoid breathing mist, vapors and spray

- **Do not mix with other chemicals**

 **CLEANS**

 **PROTECTS**

 **OPTIMISES**



1. <https://www.brewersassociation.org/association-news/importance-draught-beer-line-cleaning/>

Always refer to the product label instructions, SDS and IFU prior to use.



ICE MACHINE CLEANER

MULTI-ENZYME ONE-STEP ICE MACHINE CLEANER

CLEANER ICE MACHINES IMPROVE HEALTH STANDARDS, ENERGY EFFICIENCY AND REDUCE COSTS

With ice being defined as food, very strict food safety regulations apply to the hygiene standards of ice machines. In many countries, contaminated ice machines can lead to large fines.*



PRODUCT OVERVIEW

Cleans and removes organic debris by detaching it from surfaces so particulates can be easily rinsed.

The AERISGUARD™ Ice Machine Cleaner is a patented one-step cleaning product with a multi-enzymatic formulation that is designed to be the best practice application for the cleaning of ice machines.

The cleaner breaks down organic debris in a single process. Contamination is then readily flushed from the ice machine during final rinsing.

AERISGUARD ICE MACHINE CLEANER IS NEAR pH NEUTRAL AND PROVIDES:

- ✓ Reduced risk of ice contamination as organic debris detachment is known to spread dislodged contaminants to the contents of the ice machine
- ✓ Helps increase asset life due to non-corrosive nature of the product
- ✓ Safe to use



BENEFITS

- Non-corrosive, multi-enzyme formula
- Safe on all metals
- pH neutral
- Highly concentrated mixed at 20:1 ratio
- Reduces risk of dirty ice as detached particulates are rinsed away
- Helps extend asset life due to non-corrosive formula
- Safer cleaning process

DIRECTIONS FOR USE

- Pump must be in operation but refrigeration cycle should be off
- Once ice is removed, add AerisGuard™ Ice Machine Cleaner directly into the water tank (1:20 dilution). For best results use warm-to-hot water (45°C - 65°C) for dilution
- Turn on wash mode and leave for 30 minutes
- Drain the water tank
- Repeat process with fresh water to flush the system
- After unit is thoroughly rinsed, switch unit back to “Ice” mode
- For detailed instructions refer to IFU 014

PREPARATION

Product Code	Description	Application
AG-ICEM-1	Multi-Enzyme Ice Machine Cleaner 1L	Makes up to 20L

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



*<https://www.fda.gov/food/resourcesforyou/consumers/ucm197586.htm>

Always refer to the product label instructions, SDS and IFU prior to use.



COOLING TOWER CLEANER

MULTI-ENZYME CLEANER FORMULATED TO CLEAN COOLING TOWERS AND DETACH BIOFILM FROM THE WATER CIRCUIT

CLEANER COOLING TOWERS IMPROVE ENERGY EFFICIENCY AND REDUCE COSTS

AerisGuard™ Multi-Enzyme Cooling Tower Cleaner enables the service provider to digest biofilm from the entire water circuit including chillers

PRODUCT OVERVIEW

Cleans and removes biofilm, detaching it from surfaces. The AerisGuard™ Multi-Enzyme Cooling Tower Cleaner is a patented one-step cleaning product with a multi-enzymatic formulation that is designed to be the best practice application for mechanical plant maintenance of water cooling towers.

AerisGuard™ Multi-Enzyme Cooling Tower Cleaner digests biofilm which is flushed from the water circuit during final rinsing. There are many downstream positive effects on the water circuit, with the chiller and pumps suffering from reduced corrosion and the measurably improved heat exchange.

The cleaner is designed to remove biofilm from all parts of the cooling tower, in particular, the fill material, improving the performance of both key characteristics:

RANGE

This is the difference between the cooling tower water inlet and outlet temperature.

APPROACH

This is the difference between the cooling tower outlet cold water temperature and ambient wet bulb temperature, ensuring performance and "AS NEW" condition.



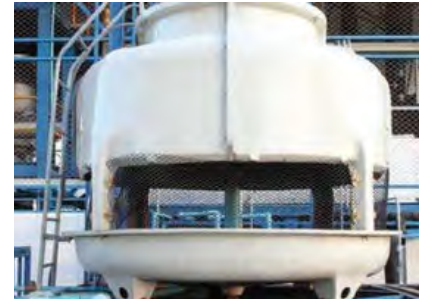
BENEFITS

- Extends asset life of your system due to non-corrosive formulation
- A non-corrosive effective cleaning option providing extended asset life
- Increased condenser heat exchange
- Eliminates the channeling of water through the fill of the water cooling tower increasing efficiencies of the system
- The organic load can be removed from the water cooling tower fill without needing to remove it from the tower
- Cleans and washes away inanimate organic material to prepare the surface for application of disinfectant to kill biofilm and microorganisms
- Environmentally friendly
- Decreases visible scale
- Biodegradable

DIRECTIONS FOR USE

- Add AerisGuard™ Multi-Enzyme Cooling Tower Cleaner mixing in water at 500:1. In larger towers, add product at several points of the CT basin. Note: Additions of the cleaning solution can result in a low level of foaming action.
- Allow to circulate for at least 10 hours for an initial clean and at least 6 hours for maintenance. Product effectiveness can depend on water temperature. Consult IFU for optimum cleaning time.
- To accelerate cleaning time more product can be added. However, to halve the cleaning time, multiply the dosage rate by 4 times the initial dosage recommendation.
- At the completion of the re-circulating/cleaning cycle, treat water per local and regional codes.
- Drain as much water as possible from the cooling tower basin and pipes.
- Clean all wetted surfaces of the cooling tower using clean water spray or mechanical cleaning as required.
- Ensure all screens and strainers are checked for scale fouling and cleaned as required.
- Refill the cooling tower with water.
- For detailed instructions, refer to IFU 016.

-  **CLEANS**
-  **PROTECTS**
-  **OPTIMISES**



PREPARATION

Product Code	Description	Application
AG-WT-5	Multi-Enzyme Cooling Tower Cleaner 5L	Makes up to 100L
AG-WT-20	Multi-Enzyme Cooling Tower Cleaner 20L	Makes up to 400L





QUATERNARY TEST PAPER

FOR IN-SITU PROOF OF ACTIVE DISINFECTANT

SIMPLE AND EFFECTIVE PROOF OF EFFICACY IN THE FIELD FOR USE BY HYGIENE AND ASSET MANAGERS

Test paper measures the presence of residual protection:

- 0-100 ppm
- 200-300 ppm
- 300-400 ppm
- Dampen a few centimetres of the test strip with potable water
- Wipe the dampened test strip onto the surface being assessed
- Refer to Work Safe Australia guidelines for Quaternary Ammonium concentration requirements
- When rubbed onto a surface protected by Aeris products with residual ingredients there will be a colour change noted on the test strip



PRODUCT OVERVIEW

Hydrion Quaternary (QUAT) Test Paper provides a simple, reliable, and economical means to measure the concentration of quaternary sanitisers, including n-alkyl dimethyl benzyl and/or n-alkyl dimethyl ethyl benzyl ammonium chloride, and Rocall II.

With colour matches at varying parts per million, this industry-leading test paper measures concentrations of QUAT between 0-400ppm.

Work Safe Australia guidelines stipulate the use of Quaternary Ammonium based sanitisers or bleach.

Each unit includes 1 x 5m roll of test paper and matching colour chart.

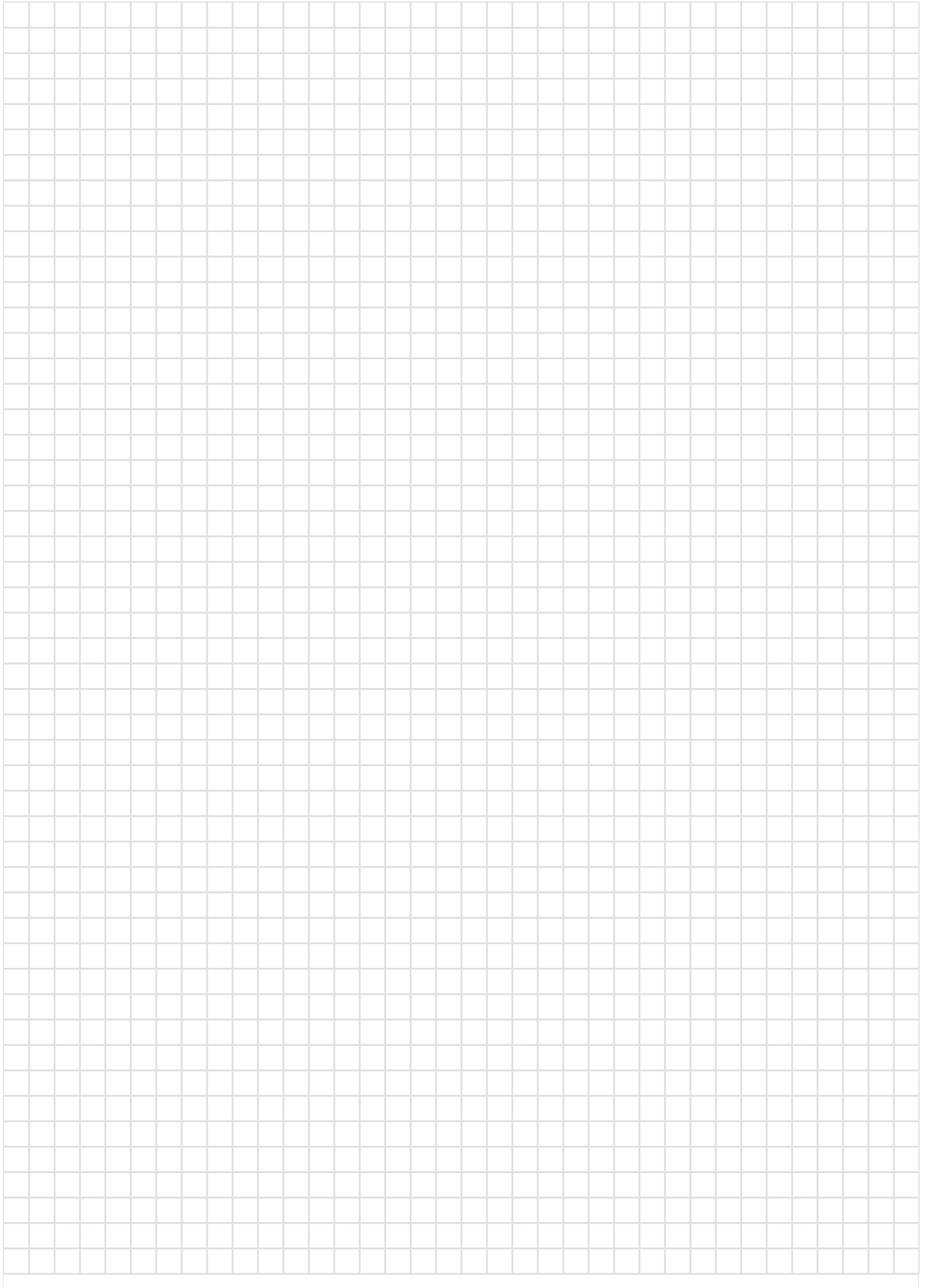
FEATURES

- ✓ Immediate proof of residual QUAT
- ✓ Simple and safe to use
- ✓ Internationally recognised

PREPARATION

Product Code	Description	Application
AG-MELQT-10	Quaternary Ammonia Test Strips (5m roll)	5cm per test

NOTES





Aeris Environmental Ltd
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Rosebery NSW 2018 Australia
aeris.com.au