



Document Type / Category Instructions For Use (IFU)

Document Number, Issue, Title IFU-017IND, Rev 03 – Hard Surface Cleaning Using Aeris Active

1. PURPOSE

THE PURPOSE OF THIS PROCEDURE IS TO CLEAN AND DETACH ORGANIC AND INORGANIC DEBRIS/DEPOSITS FROM VARIOUS SURFACES.

This IFU covers the steps and actions that need to be taken in the use of AerisGUARD Aeris Active hard surface cleaner for large scale industrial applications. For small scale consumer and commercial use including Food preparation surfaces, please refer to IFU-017CON.

All Aeris Environmental personnel, sub-contractors and certified applicators are expected to take an active role in establishing, implementing and maintaining this Procedure in line with this IFU according to their role and responsibility.

The purpose of acting in accordance with this IFU is to have an uninterrupted, smooth process that ensures that correct process and use of the products are followed. This IFU shall also be part of Aeris' continuous improvement initiative.

2. PROCEDURE DESCRIPTION AND PROCESS FLOW

The cleaning of hard surfaces with AerisGUARD Aeris Active should be used in accordance with Aeris Environmental Recommendation, this IFU, your work order and / or the job specification.

The steps in this procedure are as follows:

1. Preparation
 - a. Product Handling & Packaging
 - b. Apparatus & Equipment Required
 - c. Product Dilution and Application Rates
 - d. PPE and OH&S Requirements
2. Setup
3. Application Process
4. Clean up Process

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3. PROCEDURE

1. Preparation

a. Product Handling & Packaging

Applicators should consult the product Safety Data Sheet (SDS) prior to use and handling.

AerisGUARD Aeris Active products comes in a ready to use formulation. The product is available in 5 Litre Bulk containers with a shelf life of 2 years from the date of manufacture.

Where not using the Aeris Active approved trigger spray bottle, a spray bottle with a large 'wet droplet' spray pattern that is self-venting is required. Ensure to return any left-over Aeris Active into the original Aeris Active 5L container.

Always store the product out of direct sunlight and not exposed to hot environments for extended periods of time.

b. Apparatus & Equipment Required

SPOT CLEANING

- Delivery device depending on scale of job:

- Pump pack for larger jobs
- Smaller spray bottle
- Rags (Microfibre cloths recommended)
- Bucket(s)

If INTENSIVE MOULD REMEDIATION is necessary the equipment needed will include all or some of the following –

- Drying equipment
- Monitoring/Testing Equipment
- Containment Equipment
- Hand Tools (Screwdrivers, Hammer, Saw, Pliers etc.).
- HEPA Vacuum
- Buckets
- Microfibre Cloths
- RCD (Residual Current Device).

This equipment list is a suggestion only and may not include all equipment needed. If unsure of procedure and intend conducting mould remediation without using a reputable company it is highly recommended to look at IICRC R520-2015 or look at material such as Mould Workers Handbook.

If you need an inspection to assess level of remediation to be undertaken please call Aeris +612 83441315 for a list of qualified mould remediators in your area.

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c. Product Dilution and Application Rates

The product does NOT require dilution and is ready to use.

Application rates depend on the surface being cleaned and the level of soiling present.

Use a small amount of Aeris Active for determining how heavy the soiling is and how much product will be needed to remove all the organic and inorganic material.

This product should not be fogged or sprayed with a fine mist.

d. PPE and OH&S Requirements

- Gloves (*hi density rubber are recommended*)
- Full or half face masks with filters rated for pesticides and solvents,
- Safety goggles (*Wraparound Clear are recommended*)
- Disposable suit is recommended to keep clean if appropriate to the job being undertaken.
- Type 1 heavy duty safety boots should always be worn.

Note* Other safety equipment may be required. OH&S requirements can vary geographically or by project nature.

2. Setup

- a. Ensure that the area being cleaned is closed off from public access. Any equipment in the area is "off line / isolated from operation" prior to and during the entire cleaning process.
- b. If using any electrical equipment ensure it is protected by a (RCD) Residual Current Device to protect the user from electrical shock.
- c. Ensure equipment being used is in good working order & tagged (if necessary).
- d. Other parts of the system may need to be covered as well, e.g. fan motor and sensors located near the area to be treated.
- e. All traces of dirt must be removed before leaving site.

3. Application Process

- a. Preparation of the surface prior to the application of the AerisGUARD Aeris Active is to first remove the bulk dust and debris. Depending on the environment and the level of visible dirt, dust and debris the use of a HEPA rated vacuum cleaner is recommended. If the contaminated area is greater than 2 m² it is recommended to set up containment walls and put the area under negative pressure.
- b. Use AerisGUARD Aeris Active and clean microfibre cloths (see attached recommendation on the use of microfibre cloth) to clean and agitate the surface.
- c. AerisGUARD Aeris Active not only cleans & disinfects (hospital grade), it also provides the triple action of: it removes mould & mildew; it bleaches the discolouration which can be left by the dead organisms, and it leaves behind on the clean and disinfected treated surface an invisible anti-microbial quat/polymer barrier film that lasts for up to 3 months when it remains dry on non contact surfaces.

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- d. The invisible anti-microbial film is replaced by re-application. There is no build-up from repeated applications.

AerisGUARD Aeris Active is compatible with the vast majority of surfaces both natural and synthetic which are most prone to mould colonisation. Aeris Active is not compatible with copper material.

Aeris Environmental recommend that the AerisGUARD Aeris Active be first tried on a small area of the surface to be cleaned to ensure that no bleaching occurs.

All personal safety equipment must be worn for the remainder of the procedure.

The cleaning solution should be sprayed onto affected area and wiped clean using a rag/cloth or scouring pad dependent on the surface being cleaned. Do not use scouring pad or anything that might scratch the surface if this will be a problem.

Spray product directly onto affected area and let sit on the area prior to wiping it off if the soiling is difficult to remove.

Use a jet or fan setting when spraying Aeris Active with care taken not to spray a fine mist.

4. Clean Up

- Ensure that all equipment is rinsed.
- Leave the worksite as you found it.
- Remove and dispose of all empty product containers.
- Remove all rubbish you have taken on site / any plastic sheeting blocking ductwork.
- Return any machinery to correct operational function.

Additional Information

General use of Microfibre cloths

Microfibre cloths are made up of millions of fibres which will hold on to dirt, dust and debris. These fibres include both positively charged polyester fibres and negatively charged nylon fibres that attract the dirt, dust and debris onto the cloth and generally assist in pulling the dirt, dust or debris away from the surface being cleaned.

Microfibre cloths have different types for specific uses so always read the manufacturers' instructions for correct use, care and maintenance.

Some microfibres are developed for specific surfaces and for different applications e.g. floors, dusting and cleaning hard surfaces, wood floors, tile, glass and stainless steel.

For the effective use of microfibre cloths when cleaning it is best not to use a rubbing and/or scrubbing action.

To make the most of microfibre cleaning cloths, use only one section of the cloth at a time. Fold the cloth in half and then half again. For the best and effective results use a one direction action to wipe the surface. Keep the cloth clean and avoid using a dirty cloth on a cleaned surface, or you will have the potential to cross contaminate the area.

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After each use rinse the microfibre cloth in clean water (do not add chemicals at this stage) for 10-15 seconds to flush out the dirt, dust and debris. If microfibre is extremely grimy, you may need to rinse the cloth until the run-off water runs clear. Once rinsed, the cloth is ready to use again.

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