

SAFETY DATA SHEET**AERISGUARD BIOACTIVE FILTER TREATMENT****SECTION 1: IDENTIFICATION**

PRODUCT NAME: **AERISGUARD BIOACTIVE FILTER TREATMENT**
Product code: AG-FTUS-5
AG-FT-5
AG-FT-750
Uses: Provides protection against the colonisation of odour causing bacteria, fungi and other odour causing organisms on HVAC filters.
Company Name: Aeris Environmental Ltd, 5/26-34 Dunning Ave, Rosebery, NSW 2018, Australia

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New Jersey 08865
USA

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SECTION 2: HAZARDS IDENTIFICATION

This product is registered with the USEPA. Classification and labelling is in accordance with the USEPA FIFRA regulations.

Classification according to GHS:

Eye damage Category 1, skin irritation category 2

Signal word:

DANGER

Pictogram:Hazard statement:

H318: Causes serious eye damage

H315: Causes skin irritation

Precautionary statements*Prevention*

P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection

Response

P302+P352: IF ON SKIN: Wash with plenty of water
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	PROPORTION % w/w
Benzalkonium chloride	[68424-85-1]	<5% w/w
Calcium Chloride dihydrate	[10035-04-8]	<30 % w/w
Water & ingredients determined not to be hazardous		to 100.00% w/w

SECTION 4: FIRST AID

Swallowed: Immediately rinse mouth and drink plenty of water. Seek medical attention if symptoms persist.
 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 contact: Remove contaminated clothing. Rinse skin with plenty of water.
 Inhalation: Remove from contaminated area. Move to fresh air, rest patient. If required, seek medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable. Will not support combustion.

SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Mop up the remaining material. If large quantities of this material enter the waterways, contact the Environmental Protection Authority, or your local Waste Management Authority.

SECTION 7: HANDLING AND STORAGE

Store upright in a cool, dry area, out of direct sunlight. Keep containers closed when not in use.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Avoid contact with eyes. Minimise contact with skin. Wear appropriate protective equipment such as safety goggles and gloves. Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A clear to slightly hazy, colourless to straw colour; slightly viscous aqueous liquid
 Boiling Point: >100°C

Vapour Pressure:	Not available
Density@20°C	1.02 – 1.20 g/mL
Solubility in water:	Readily soluble
Reactivity in water/air:	Not reactive
Incompatibility (materials to avoid):	Anions which can affect the product efficacy
pH (neat):	4.0 – 8.0
Flash point (Pensky-Marten closed cup):	>80°C or >176°F

SECTION 10: STABILITY AND REACTIVITY

This material is stable under normal conditions of use and non-reactive.

SECTION 11: TOXICOLOGICAL INFORMATION

Oral LD₅₀ rat 3129 mg/kg
Dermal LD₅₀ rabbit >5050 mg/kg
Inhalation LC₅₀ rat >2.26 mg/L
Primary eye irritation (rabbit): Severely irritating
Acute dermal irritation: Slightly irritating
Skin sensitization (Buehler): Not a sensitizer
None of the ingredients are listed in the international list of known carcinogens, mutagens, and development toxins.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity study of this preparation is not available; the active ingredient benzalkonium chloride is very toxic to aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed. Completely empty the package. Triple rinse with water. Dispose of 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

The product is not classified as dangerous goods.

SECTION 15: REGULATORY INFORMATION

USEPA reg no. 82523-2

All the ingredients are listed in the AICS (Australian Inventory of Chemical Substances), TSCA (Toxic Substance Control Act), and EINECS (European Inventory of Existing Commercial Substances) or exempted.

SECTION 16: OTHER INFORMATION

The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this MSDS. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Aeris Technologies Ltd it is the user's obligation to assure safe use of the product.

Date SDS revision: 28/03/2024

END of SDS