

SAFETY DATA SHEET**AERISGUARD MULTI-ENZYME CONDENSATE PAN TABLET****SECTION 1: IDENTIFICATION**

PRODUCT NAME(S):	AerisGUARD Multi-Enzyme Condensate Pan Tablet Large Aeris Guard Multi-Enzyme Condensate Pan Tablet Small Aeris Guard Multi-Enzyme Condensate Pan Tablet Slimline
Product codes:	AG-PT-Large AG-PT-Small AG-PT-Slim
Uses:	To prevent blockages of drip tray drains in air conditioning and refrigeration units.
Company Name:	Aeris Environmental Ltd, 5/26-34 Dunning Ave, Rosebery, NSW 2018, Australia
Emergency contact number	In Australia +61417217473, from overseas +612 83441315

SECTION 2: HAZARDS IDENTIFICATION(According to GHS Classification and Labelling of chemicals)

Eye irritation Category 2A

Signal word:

Warning

Pictogram:Hazard statement:

H319 – Causes serious eye irritation

Precautionary statements

Prevention

P264 Wash hands thoroughly after handling.
P280 Wear eye protection.

Response

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.

The following respiratory sensitization is not applicable to the tablets, it is applicable only if the tablet is powdered and inhaled.

Sensitisation – Respiratory Category 1

Danger

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements

Prevention

P261

Avoid breathing dust.

P285

In case of inadequate ventilation wear a dust mask.

Response

P304 + P341

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342 + P311

If experiencing respiratory symptoms: Call a doctor physician

Disposal

P501

Dispose of contents/container in accordance with local Regulations.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	PROPORTION % w/w
Benzalkonium chloride	[139-08-2]	2.00
Polyvinyl alcohol	[25213-24-5]	2 - 50
C16-C18, fatty alcohol ethoxylated	[68439-49-6]	1 - 50
Calcium stearate	[1592-23-0]	1 - 5
Protease (subtilisin)	[9014-01-1]	0.02 – 0.20
Inorganic Boron compounds (as elemental boron)	-	0.10 – 0.80

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: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a doctor physician.

SECTION 5: FIRE-FIGHTING MEASURES

No special firefighting procedure is required

Extinguishing media: Water spray, foam, carbon dioxide and dry chemical powder.

SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

Personal protection: If the tablet is powdered, avoid breathing the dust, wear an approved particle respirator, PVC or rubber gloves and chemical safety goggles. Collect broken and powdered material into suitable rubbish bags. Dispose of via general rubbish collection. Clean the spillage site with detergent and water and mop dry.

SECTION 7: HANDLING AND STORAGE

Store at controlled room temperature (5-30°C). Keep away from direct heat.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Wear gloves, wash hands after application.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to slightly yellow tablets packaged in blue plastic cage.
Melting Point:	Not available
Specific gravity:	Not available
Solubility in water:	Sparingly soluble
Reactivity in water/air:	Not reactive
pH (1% solution):	4 - 8

SECTION 10: STABILITY AND REACTIVITY

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

Materials to avoid: Strong oxidising and reducing agents, anionic surfactants

SECTION 11: TOXICOLOGICAL INFORMATION
Acute toxicity

Oral LD50 rat:	>5000 mg/kg
Dermal LD50 rabbit	>5050 mg/kg
Inhalation LC50 rat	>2.14 mg/L

Skin irritation

Acute dermal irritation (albino rabbits): Not irritating

Serious eye irritation

Primary eye irritation (rabbit): Moderately irritating

Skin sensitization

Skin sensitization (Buehler, Guinea Pig): Not a sensitizer

Germ cell mutagenicity.

None of the ingredients are listed in the international list of known mutagen.

Carcinogenicity.

None of the ingredients are listed in the international list of known carcinogens.

Reproductive toxicity

None of the ingredients are listed in the international list of known development toxins or below the cut-off limit of this classification.

Specific Target Organ Toxicity (STOT) – single exposure

No data available

Specific Target Organ Toxicity (STOT) – repeated exposure

Data not available

Aspiration hazard.

Data not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity study of this preparation is not available; however, benzalkonium chloride in a pure form is very toxic to aquatic organisms, readily biodegradable All organic compounds in this tablet is classified as readily biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed. Dispose of packaging material in a sanitary landfill, or by incineration, if allowed by State and local authorities. If burned, stay out of smoke.

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

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: 15/11/2023

END of SDS