

AERIS TECHNOLOGIES

Level 1, Unit 5 / 26-34 Dunning Ave Rosebery NSW AUSTRALIA 2018 Phone: +61 2 8344 1315 Fax: +61 2 9697 0944

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: AERIS-GUARD CONDENSATE DRIP TRAY TABLET

UN No.	–	CAS No.	mixture
HazChem	–	Sub Risk	–
Pack Group	–	SUSDP	
D.G. Class	–	Poison Schedule	–

USE: Aqueous enzymatic concentrate for the cleaning and digestion of biological debris and common soil present on air-conditioning coils

SECTION 2: INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name: CAS NO:

PROPRIETARY INGREDIENT

Polyvinyl Alcohol	9001-92-7
Sodium Sulphate	7757-82-6
Calcium Stearate	
2 Bromo-2-Nitropropane-1,3 Diol	
Enzyme Protein – Savinase	52-51-7

CLASSIFICATION OF PREPARATION

Risk Phrases: None
Safety Phrases: S26 In case of contact with eyes, rinse immediately with copious water and contact a doctor or Poisons Information Centre if symptoms persist
S28 After contact with skin wash with copious amount of water
S36/37/39 Wear protective gloves

Hazard Category	None
Exposure limits	None established
Hazchem Code	No Hazchem code allocated
UN Number	No UN Number allocated
Poisonous Schedule	None allocated
Number	
Use:	Cleaning, emulsifying and digestion of biological films and debris

SECTION 3 - HEALTH HAZARD INFORMATION

Health effects

No adverse health effects expected if the product is handled in accordance with above advice.

Ingestion:	Ingestion may result in abdominal irritation, pain and discomfort
Eye:	Contact with eyes may cause irritation
Skin:	Repeated and prolonged contact with unprotected skin may cause irritation and skin sensitisation
Inhalation:	Not applicable

SECTION 4 – FIRST AID MEASURES

Skin contact:	Rinse off with copious water.
Eye contact:	Rinse thoroughly with copious water, continue washing for at least 15 minutes.
Ingestion:	Rinse mouth and throat thoroughly with water. Drink water. Seek medical attention if symptoms persist.

SECTION 5 – FIRE-FIGHTING MEASURES

Inflammability:	Non-inflammable. Will not support combustion.
Protection against fire and Explosions:	No requirements
Suitable Fire Extinguishing Media:	As for surrounding fire
Special Exposure Hazard:	None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Collect broken and powdered material into suitable rubbish bags. Dispose of via general rubbish collection.

SECTION 7 – HANDLING AND STORAGE

Precautions to be taken in Handling and Storage:	Store at controlled room temperature (5-30°C). Keep away from direct heat.
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SECTION 8 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White tablets
Boiling Point:	N/A
Vapour Pressure:	N/A
Specific gravity:	1.1 - 1.3 @ 20°C
Solubility in water:	Sparingly soluble
Reactivity in water/air:	Not reactive
Incompatibility (materials to avoid):	Strong oxidisers
pH Level:	7.0 - 8.5
Flash point:	N/A

pH and solubility are not relevant to safety

SECTION 9 – STABILITY AND REACTIVITY

This material is stable under normal conditions of use

Conditions to avoid:	None
Materials to avoid:	Strong oxidisers
Hazardous Decomposition Products:	None

SECTION 10 ECOLOGICAL INFORMATION

LC-50 (fish, algae, dafnia) >100 mg/L for all ingredients. When diluted with water the material is fully biodegradable. The product actually PROMOTES biodegrading in sewerage sludges. This classifies the material as non-dangerous to environment

SECTION 11 – DISPOSAL CONSIDERATIONS

No special disposal method required. The material is fully biodegradable

SECTION 12 – REGULATORY INFORMATION

The material is a non-hazardous preparation.

Labelling:

**NOT TO BE TAKEN
KEEP OUT OF REACH OF CHILDREN**

**Person responsible for
Preparation:**

Dr Alex Sava, Novapharm Research Pty Ltd

Date prepared:

10 October 2003

Telephone No: (+61 2) 9662 4144

Fax No: (+6 12) 9662 1720

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 Novapharm Research P/L it is the users obligation to assure safe use of the product.