



## SAFETY DATA SHEET

AerisGuard Bioactive Duct Coating & Sealant Viscosity Enhancement Additive (PF-159)

### SECTION 1: Identification

#### 1.1. Product Identifier

Product form : Liquid Mixture  
Trade name : AerisGuard Bioactive Duct Coating & Sealant Viscosity Enhancement Additive

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- 1.2.1 Relevant identified uses  
Viscosity modifier for AC Duct coating and sealant.
- 1.2.2 Uses advised against  
Not available

#### 1.3 Details of the supplier of the Safety Data Sheet

Supplier:  
Aeris Environmental Ltd, Level 1, Unit 5 / 26-34 Dunning Ave, Rosebery, NSW 2018  
AUSTRALIA  
Phone: +61 2 8344 1315 Fax: +61 2 96970944

#### 1.4 Emergency telephone number

In Australia 02 83441315, from outside Australia +612 83441315

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

Classification according to GHS  
Not Classified

#### 2.2 Label elements

Hazard pictograms:  
NONE

Signal word:  
NONE

Hazard statement:  
Not classified as hazardous

#### Precautionary statements:

Prevention Observe good industrial hygiene practices. Avoid breathing mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling, Do not eat, drink or smoke when using this product, Use in a well-ventilated area

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

#### 2.3 Other hazards

None known

### SECTION 3: Composition/information on ingredients

#### 3.1 Substance:

Not applicable

### 3.2. Mixture

NAME	CAS no.	%	Classification according GHS/CLP
Non-hazardous ingredients (GHS)	Proprietary	To 100%	Not Classified

#### SECTION 4: First aid

##### 4.1 Description of first aid measures

First - aid measures after inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a physician if symptoms develop or persist.
First-aid measures after skin contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Get medical attention if irritation develops and persists.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.

##### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries:	None known
Symptoms/injuries after inhalation:	None known
Symptoms/injuries after skin contact:	None known
Symptoms/injuries after eye contact:	None known
Symptoms/injuries after ingestion:	None known

##### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media	Powder, foam, carbon dioxide (CO <sub>2</sub> ), water mist or water spray
Unsuitable extinguishing media	None

##### 5.2 Special hazards arising from the substance or mixture

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide. Combustible liquid. This product will readily burn under fire conditions.

##### 5.3 Advice for firefighters:

Exercise caution when fighting any chemical fire.

###### Protective equipment for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

###### Fire fighting equipment/instructions:

Move containers from fire area if you can do so without risk.

###### Hazchem Code:

Not available

###### General fire hazards:

No unusual fire or explosion hazards noted.

###### Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials.

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

###### 6.1.1 For non-emergency personnel

Evacuate unnecessary personnel.

###### 6.1.2 For emergency responders

Protective equipment:

Wear protective gloves, and eye protection as in section 8

- 6.2. Environmental precautions**  
Avoid discharge into drains, water courses or onto the ground.
- 6.3. Methods and material for containment and cleaning up**  
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
- 6.4. Reference to other sections**  
Section 8. Exposure controls and personal protection

#### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling**  
Precautions for safe handling: Observe good industrial hygiene practices. Use in a well ventilated area.
- 7.2. Conditions for safe storage, including any incompatibilities**  
Store in original tightly closed container in a cool dry well ventilated area, away from naked flames, sparks and other sources of ignition, strong oxidising agents.

#### SECTION 8: Exposure control and personal protection

- 8.1 Control parameters**  
None set.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and not smoking while handling chemicals. Routinely wash work clothing and protective equipment to remove contaminants.

#### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

Appearance:	White liquid
pH as supplied (typical):	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range:	256°C (493°F) estimated
Flash point:	123°C (253°F) estimated
Evaporation rate:	Not available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not available
Decomposition temperature	Not available
Vapour pressure:	1 mmHg at 21°C
Vapour density:	Not available
Specific gravity:	0.94 estimated
Solubility:	Not available
Partition coefficient n-octanol/water:	Not available
Viscosity:	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Material is stable under normal conditions

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under normal conditions of use.

### 10.4 Conditions to avoid

Heat, flames and other sources of ignition.

### 10.5 Incompatible materials

Strong oxidising agents.

### 10.6 Hazardous decomposition products

Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbondioxide.

## SECTION 11: Toxicological information

Toxicology testing on animals are not done on this product. The following is the classification according to GHS based on the ingredients:

### 11.1 Eye contact:

Not classified as hazardous.

Based on available data, the classification criteria are not met. No known significant effects or critical hazards.

### 11.2 Skin contact:

Not classified as hazardous.

Based on available data, the classification criteria are not met. No known significant effects or critical hazards.

### 11.3 Inhalation:

Not classified as hazardous.

Based on available data, the classification criteria are not met. No known significant effects or critical hazards.

### 11.4 Ingestion:

Not classified as hazardous.

Based on available data, the classification criteria are not met. No known significant effects or critical hazards.

### 11.5 Chronic

None of the ingredients are in the list of IARC as carcinogens.

## SECTION 12: Ecological information

### 12.1 Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.2 Persistence and degradability

This product is readily biodegradable. Not classified as PBT or vPvB

### 12.3 Bioaccumulative potential

This product is not bioaccumulative.

### 12.5 Other adverse effects:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

SECTION 13: Disposal consideration

**13.1 Disposal methods**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**13.2 Residual Waste**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see disposal instructions).

**13.3 Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for disposal.

SECTION 14: Transport information

**14.1 Transport Classification:**

Not classified as Dangerous goods by ADG, IATA, or IMDG regulations.

SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All ingredients in this preparation are listed in AICS, IECSC, ENCS, ECL, NZ inventory, PICCS and TSCA

SECTION 16: Other information

Date of SDS revision: 30 Oct 2017

“The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet, which involves using the product, or otherwise that in accordance with instructions of use on product packaging is the responsibility of the user. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the Aeris Environmental Ltd, on +61 2 83441315.

END of SDS

Revision history [To be deleted before converting to pdf]

Version	Revised Date	Changes
1	30/10/17	New