

**SAFETY DATA SHEET****AERIS DEFENCE****SECTION 1: IDENTIFICATION**

PRODUCT NAME(S): **AERIS DEFENCE**

Product code: AG-AD-1000  
AG-AD-5  
AG-AD-750  
AG-AD-100  
AG-ADHSDW-75  
AG-ADHSDW-400  
AG-ADSachet

Uses: Hospital Grade Hard Surface Disinfectant Cleaner

Company Name: Aeris Environmental Ltd, 5/26-34 Dunning Ave, Rosebery, NSW 2018, Australia

Emergency Contact number: In Australia 02 83441315; +61 2 417217473  
From overseas +612 83441315

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

Eye irritation Category 2A, Skin irritation category 2

Signal word:

WARNING

Pictogram:Hazard statement:

H319 Causes serious eye irritation  
H315 Causes skin irritation

Precautionary statements

Prevention  
P264 Wash hands thoroughly after handling.  
P280 Wear eye protection.  
P273 Avoid release to the environment

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.  
P302+P352 IF ON SKIN: Wash with plenty of water  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P501 Dispose of content/container in accordance with local/regional/international regulations

### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS Number</u>	<u>% w/w</u>
Ethanol	64-617-5	5 – 20
Benzalkonium chloride	68424-85-1	0.1 – 2.5
Ingredients Determined not to be hazardous made up to 100%		

### 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. If irritation occurs seek medical advice.
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

#### Extinguishing media

Use water spray, alcohol resistant foam, dry chemical, carbon dioxide to extinguish.

Special hazards arising from the substance or mixture:

Hazardous decomposition products may be released during prolonged heating: smoke, carbon monoxide and carbon dioxide.

Advice for firefighters:

Exercise caution when fighting any chemical fire.

Protective equipment for firefighters:

Use self-contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self-contained breathing apparatus.

Other information:

Hazardous decomposition products may be released during prolonged heating at temperatures exceeding 100°C - smokes, carbon monoxide and dioxide.

**Hazchem code:** None assigned.

### SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Do not touch or walk through spilled material.

**Methods and materials for containment and clean up procedures:** Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled drums for disposal. Wash area down with excess water to remove residual material.

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Avoid eye contact. Wash hands thoroughly after handling.

**Conditions for safe storage:** Store in a cool place and out of direct sunlight. Store away from oxidising agents. Keep containers closed at all times –check regularly for leaks.

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

### WSA exposure standard:

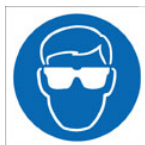
Standard Name	CAS No	TWA (ppm)	TWA (mg/m3)
Ethyl alcohol	64-17-5	1000	1880

### Biological limit values

Not Relevant.

**Engineering controls:** Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

### Personal protective equipment:



Eye/face protection – Safety glasses / faceshield / chemical resistant goggles should be worn to prevent eye contact

Skin protection – use nitrile gloves or similar to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if required use a respirator suitable for organic vapours.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Clear to slightly hazy liquid.

**Solubility:** Readily soluble in water.

**Specific Gravity (20°C):** 0.92 - 1

**Rel Vapour Density (air=1):** N Av

**Boiling Point (°C):** 95 – 100°C

**Vapour Pressure (20°C):** N Av

**Flash Point (°C):** Not available

**pH:** 5 - 9

**Viscosity (20°C):** N Av

N Av = Not available N App = Not applicable

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Excessive heat will lead to accelerated oxidative degradation.

**Incompatible materials:** Reacts with strong oxidising agents.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

**Hazardous reactions:** None assigned.

## SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

**Acute Effects**

**Ingestion:** No adverse effects expected, however large amounts may cause nausea and vomiting.

**Eye contact:** Eye irritant.

**Skin contact:** Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

**Inhalation:** Inhalation of mist may result in respiratory irritation.

**Acute toxicity / Chronic toxicity**

No LD50 data available for this product. None of the ingredients are known carcinogens.

#### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

No LC50 data available for product.

**Mobility**

No data available for product.

Avoid contaminating waterways.

None of the ingredients are classified as PBT or vPvB.

#### SECTION 13: DISPOSAL CONSIDERATIONS

Avoid release to the environment.

Dispose of content and container according to local/national/international regulations.

#### 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

**Country/Region Inventory Status**

Australia AICS Listed; Canada DSL Listed; Europe EINECS Exempt from listing; Japan ENCS Listed; Korea ECL Listed; New Zealand - Non-Hazardous Substance; United States TSCA Listed

#### SECTION 16: OTHER INFORMATION

“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



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