

SAFETY DATA SHEET**SECTION 1: IDENTIFICATION**

PRODUCT NAME: **AERIS ACTIVE**
Uses: Hard Surface Disinfectant Cleaner

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

Importer: Cleaning Systems Ltd, 331A East Tamaki Rd, East Tamaki,
Auckland 2013 NZ
Phone: +64 9 5794114 Tollfree: 0800100117
Email: admin@cleaningsystems.co.nz

Emergency: 0800POISON (0800764766) National Poisons Hotline or Dial 111

SECTION 2: HAZARDS IDENTIFICATION**According to HSNO:**

Cleaning Products (Oxidizing [5.1.1] Corrosive) Group Standard 2017 HSR002591

3.1C, 5.1.1C, 6.1E(All), 6.1E(O), 6.3B, 6.4A, 6.9B(All), 6.9B(O), 6.9B(I), 8.3A, 9.1(All), 9.1D(F), 9.1D(C), 9.1D(A).

According to GHS classification and labelling of chemicals:

- Eye irritation category 2
- Skin irritation category 2
- Aquatic life category 3

Label elements:Hazard Pictogram:Signal word:

WARNING

Hazard statements:

H315: Causes skin irritation
H319: Causes serious eye irritation

Precautionary statements:

- P210: Keep away from sparks, open flames and other ignition sources. No smoking.
- P260: Do not breathe mist/vapours/spray
- P264: Wash hands thoroughly after handling.
- P280: Wear protective gloves/protective clothing/eye protection
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P363: Wash contaminated clothing before reuse.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P310: Immediately call a POISON CENTER/doctor.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P405: Store locked up.
- P501: Dispose of contents/container in accordance with local/national bylaws

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS Number	% w/w	GHS hazard classification
Ethanol	64-17-5	5 – 20	Flam. Liq. 2;
Benzalkonium chloride	68424-85-1	0.5 – 2	Flam. Liq. 3; acute oral 4; skin 1B; eye damage 1
Hydrogen peroxide	7722-84-1	6.0	Oxidizing liquids, Category 1; Acute toxicity, Category 4; Skin corrosion, Category 1A; Serious eye damage, Category 1; Specific target organ toxicity – single exposure, Category 3; (Respiratory system)
Ingredients determined not to be hazardous	NA	up to 40	
Water	7732-18-5	qs100	

SECTION 4: FIRST AID

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 or clothing contact:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Ingestion:	Immediately rinse mouth with water. If swallowed do NOT induce vomiting. Give water to drink. Seek medical attention if symptoms develop.
Inhalation:	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Medical attention and special treatment: Treat symptomatically.

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.

SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

Wear personnel protective equipment in section 8. Stop and contain the spill for salvage or absorb in inert absorbent materials. Do not let spill flow into the drainage.

SECTION 7: HANDLING AND STORAGE

- P210: Keep away from sparks, open flames and other ignition sources. No smoking.
- P260: Do not breathe mist/vapours/spray.
- P264: Wash hands thoroughly after handling.
- P280: Wear protective gloves/protective clothing/eye protection
- P405: Store locked up

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits (Safe work Australia):

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

Personal protective equipment:

P280: Wear protective gloves/protective clothing/eye protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour/Odour:	Clear to slightly hazy liquid
Solubility:	Soluble in water.
Specific Gravity (20°C):	0.92 – 1.10
Rel Vapour Density (air=1):	N Av
Boiling Point (°C):	95 – 100°C
Vapour Pressure (20°C):	N Av
Flash Point, closed cup (°C):	39°C
Sustained combustibility test:	Does not sustain combustion
pH:	4 - 7

N Av = Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Excessive heat.
Incompatible materials:	Strong oxidising agents.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide.
Hazardous reactions:	None assigned.

SECTION 11: TOXICOLOGICAL INFORMATION

Classified according to GHS classification:

H315:	Causes skin irritation
H319	Causes serious eye irritation

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

SECTION 12: ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment under normal use conditions.
May be harmful to aquatic organisms. Avoid contaminating waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed. Dispose of the 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**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**NZ Inventory Status**

All components of this material are listed on the AICS, NZIoC, TSCS, DSL, REACH, CSCL.

NZ Regulatory requirements

Health & Safety At Work (Hazardous Substances) Regs 2017 Part4.5-4.6: The responsibility of the PCBU for information, instruction, training & supervision .

HPC Notice Part4 Clause47: Equipment for Class 9 substances must be appropriate

Hazardous Substance (Emergency Management) Regs 2001, Reg6,9-11 Reg8(d-e)

SECTION 16: OTHER INFORMATION

Date of SDS revision: 07/04/2020

“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 Aeris Environmental Ltd

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