

MATERIAL SAFETY DATA SHEET

Airstel High Level Airbourne Disinfectant

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

Trade Name: Airstel High Level Airbourne disinfectant
Product Type: Airborne disinfectant. For professional use only.

Details of the supplier of the safety data sheet:

Company name: Ethical Agents Veterinary Marketing Limited
Company Address: 54 Hobill Avenue
Wiri,
Auckland 2104,
New Zealand
Tel: +64 9 262 1388
Fax: +64 9 262 1411
Email: info@ethicalagents.co.nz
Website: www.eavm.nz
Emergency telephone number: Poisons Information Centre - New Zealand ph: 0800 POISONS (0800 764 766)

SECTION 2 – HAZARDS IDENTIFICATION

Section 2.1

Classification of the substance/Mixture

Classification under CHIP: Xi: R41; Sens.: R43;-:R52/53
Classification under GHS: Aquatic chronic 3: H412; Eye Dam. 1:H318; Skin Irrit. 2: H315; Skin Sens. 1:H317; EUH208
Classification under HSNO: 9.1C, 8.3A, 6.3A, 6.5B
Most important adverse effects: Risk of serious damage to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 2.2

Label elements under GHS:

Hazard statements: H280: Contains gas under pressure may explode if heated
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H412: Harmful to aquatic life with long-lasting effects

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark

**Precautionary statements:**

P261:	Avoid breathing mist/spray
P272:	Contaminated clothing should not be allowed out of the workplace.
P273:	Avoid release to the environment
P280:	Wear protective gloves/protective clothing/eye protection.
P302+352:	IF ON SKIN: Wash with plenty of soap and water
P305+351+338:	IF IN EYES: Rinse copiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310:	Immediately call a POISON CENTER or doctor/physician
P333+313:	If skin irritation or rash occurs: Get medical advice
P337+313:	If eye irritation persists: Get medical advice
P363:	Wash contaminated clothing before re-use.
P410+P403:	Protect from sunlight. Store in a well-ventilated place.

Label elements under CHIP:**Hazard symbols: Irritant****Risk phrases:**

R41:	Risk of serious damage to eyes
R43:	May cause sensitisation by skin contact
R52/53:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:

S24:	Avoid contact with skin
S26:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39:	Wear suitable gloves and eye/face protection

Section 2.3**Other hazards**

PBT:	This product is not identified as a PBT/vPvB substance
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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Section 3.1

Mixtures:

Hazardous ingredients: PROPAN-2-OL

CAS NUMBER 67-63-0

GHS Classification Flam. Liq. 1:H225; Eye Irrit. 2: H319; STOT SE 3: H335;-:EUH066

Hazardous ingredients: DIDECYLDIMETHYLAMMONIUM CHLORIDE

CAS NUMBER 7173-551-5

GHS Classification Acute Tox 4: H302; Skin Corr. 1B: H314

SECTION 4 – FIRST AID MEASURES

Section 4.1

DESCRIPTION OF FIRST AID MEASURES

Skin Contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye Contact:

Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion:

Wash out mouth with water. Consult a doctor

Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so

Section 4.2

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Skin contact:

There may be irritation and redness at the site of contact

Eye contact:

There may be pain and redness. The eyes may water profusely

Ingestion:

There may be soreness and redness of the mouth and throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

Exposure may cause coughing or wheezing.

Delayed/immediate effects:

Immediate effects can be expected after short-term exposure.

Section 4.3

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Immediate/special treatment:

Eye bathing equipment should be available on the premises.

SECTION 5 – FIRE-FIGHTING MEASURES

Section 5.1

Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Section 5.2

Special hazards arising from the substance or mixture:

Exposure hazards:

In combustion emits toxic fumes.

Section 5.3

Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Section 6.1**Personal precautions:****Personal precautions, protective equipment and emergency procedures**

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Section 6.2**Environmental precautions:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

Section 6.3**Clean-up procedures:****Methods and material for containment and cleaning up**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Section 6.4**Reference to other sections:**

Refer to section 8 of SDS.

SECTION 7 – HANDLING AND STORAGE

Section 7.1**Handling requirements:****Precautions for safe handling**

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Section 7.2**Storage conditions:****Conditions for safe storage, including any incompatibilities**

Store in cool, well ventilated area. Keep container tightly closed.

Section 7.3:**Specific end use(s)**

Disinfectant solution. For professional use only.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 8.1**Hazardous ingredients:****Control parameters**

PROPAN-2-OL

Section 8.2**Engineering measures:****Exposure controls**

Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection:

Self-contained breathing apparatus must be available in case of emergency

Hand protection:

Protective gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Section 9.1**Information on basic physical & chemical properties**

State:	Liquefied gas
Odour:	Characteristic odour
Relative density:	0.88-0.9
pH:	7-8

Section 9.2 OTHER INFORMATION

No Other Information available

SECTION 10 – STABILITY AND REACTIVITY

Section 10.1	Reactivity	Stable under recommended transport or storage conditions
Section 10.2	Chemical Stability	Stable under Normal Conditions
Section 10.3	Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below
Section 10.4	Conditions to avoid	Heat
Section 10.5	Incompatible materials	
	Materials to Avoid	Strong Oxidising Agents/Strong acids
Section 10.6	Hazardous Decomposition Products	In combustion emits toxic fumes

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Hazardous ingredients:

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

DIDECYLDIMETHYLAMMONIUM CHLORIDE

IPR	RAT	LD50	45	mg/kg
ORL	MUS	LD50	268	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms/routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed/immediate effects:	Immediate effects can be expected after short-term exposure.

SECTION 12– ECOLOGICAL INFORMATION

Section 12.1	Toxicity	
Section 12.2	Persistence and Degradability	Product is biodegradable
Section 12.3	Bio accumulative Potential	No bioaccumulation potential.
Section 12.4	Mobility in Soil	Readily absorbed into soil.
Section 12.5	Results of PBT & vPvB Assessment	
	PBT identification:	This product is not identified as a PBT/vPvB substance
Section 12.6	Other Adverse Effects:	Harmful to aquatic organisms

SECTION 13– DISPOSAL CONSIDERATIONS

Section 13.1	Waste treatment methods
Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company.

N.B.: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14– TRANSPORT INFORMATION

Dangerous Goods Code:

Section 14.1	UN Number	UN1950
Section 14.2	UN Proper Shipping Name	Aerosols
Section 14.3	Hazard Class	2.2
Section 14.4	Packing Group & Special Provisions:	No packaging group applies. However Special Provisions 63, 190, 277, 327 and 344 apply. Also packaging instructions P207 and LP02 and Special Packing Provisions PP87 and L2.
Section 14.5	Environmental Hazards	Not a marine pollutant according to the International Maritime Dangerous Goods (IMDG) Code
Section 14.6	Hazchem Code	2YE

SECTION 15– REGULATORY INFORMATION

Section 15.1	Safety, Health and Environmental regulations/Legislation (specific for the substance/mixture)
Section 15.2	Chemical Safety Assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

SECTION 16– OTHER INFORMATION

This safety data sheet is prepared in accordance with commission regulation (EU) no.453/2010

Phrases used in S.2 and S.3:

EUH066: Repeated exposure may cause skin dryness or cracking	R11: Highly flammable
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H224: Extremely flammable liquid and vapour	F21/22: Harmful in contact with skin and if swallowed
P302: Harmful if Swallowed	R22: Harmful if swallowed
H314: Causes severe skin burns and eye damage	R34: Causes Burns
H315: Causes skin irritation	R36: Irritating to eyes
H317: May cause an allergic skin reaction	R37/38: Irritating to respiratory system and skin
H318: Causes serious eye damage	R41: Risk of serious damage to eyes
H319: Causes serious eye irritation	R43: May cause sensitisation by skin contact
	R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
	R50: Very toxic to aquatic organisms
	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
	R67: Vapours may cause drowsiness and dizziness

Abbreviations Legend:

PNEC	Predicted no effect level	MUS	Mouse
DNEL	Derived no effect level	GPG	Guinea pig
LD50	Median lethal dose	RBT	Rabbit
LC50	Median lethal concentration	Ham	Hamster
EC50	Median effective concentration	HMN	Human
IC50	Median inhibitory concentration	MAM	Mammal
DW	Dry weight	PGN	Pigeon
BW	Body Weight	IVN	Intravenous
CC	Closed cup	SCU	Subcutaneous
OC	Open cup	SKN	Skin
		DRM	Dermal
		OCC	Ocular/corneal
		PCP	Physico-chemical properties

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.