

**SAFETY DATA SHEET**  
**AIRSTEL HIGH LEVEL AIRBORNE DISINFECTANT**

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**Section 1 – Identification of the substance/mixture and of the company/undertaking**

- 1.1 Product Identifier/name** AIRSTEL HIGH LEVEL AIRBORNE DISINFECTANT
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Use of substance/mixture:** Airborne disinfectant. For professional use only.
- 1.3 Details of the supplier of the safety data sheet**  
Company name: Ethical Agents International Ltd T/A Oragene  
2/54 Hobill Avenue, Wiri  
Manukau, Auckland 2104, New Zealand  
Tel: +64 9 263 4775  
Email: [info@orageneglobal.com](mailto:info@orageneglobal.com)  
Website: [www.orageneglobal.com](http://www.orageneglobal.com)
- 1.4 Emergency telephone number:**  
**Australia:** Poisons Information Centre Phone 13 11 26  
**New Zealand:** Poisons Information Centre 0800 POISON (0800 764 766)

**Section 2: Hazards identification**

- 2.1 Classification of the substance or 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.

**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.

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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.

**2.3 Other hazards**

PBT: This product is not identified as a PBT/vPvB substance

**Section 3: Composition/information on ingredients**

**3.1 Mixtures:**

**Hazardous ingredients:**

<b>PROPAN-2-OL</b>	<b>10-30%</b>
EINECS 200-661-7	
CAS 67-63-0	
CHIP Classification	F: R11; Xi: R36; -: R67
GHS Classification	Flam. Liq. 1: H225; Eye Irrit. 2: H319; STOT SE 3: H335; -: EUH066
<b>DIDCYLDIMETHYLAMMONIUM CHLORIDE</b>	<b>0.1-10%</b>
EINECS 230-525-2	
CAS 7173-51-5	
CHIP Classification	Xn: R22; C: R34
GHS Classification	Acute Tox. 4: H302; Skin Corr. 1B: H314

**Section 4: First Aid Measures**

**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.

**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.

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

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**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

- 5.1 Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 5.2 Special hazards arising from the substance or mixture**  
**Exposure hazards:** In combustion emits toxic fumes.
- 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**

- 6.1: Personal precautions, protective equipment and emergency procedures**  
**Personal precautions:** 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.
- 6.2: Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3: Methods and material for containment and cleaning up**  
**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4: Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

- 7.1: Precautions for safe handling**  
**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
- 7.2: Conditions for safe storage, including any incompatibilities**  
**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.
- 7.3: Specific end use(s):** Disinfectant solution. For professional use only.

**Section 8: Exposure controls/personal protection**

**8.1: Control parameters**

**Hazardous ingredients:**

PROPAN-2-OL

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
Australia	983 mg/m <sup>3</sup>	1230 mg/m <sup>3</sup>	-	-

**DNEL/PNEC Values:** No data available

**8.2: Exposure controls**

**Engineering measures:** 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**

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

**State:** Liquefied gas

**Odour:** Characteristic odour

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**Relative density:** 0.88 – 0.9  
**pH:** 7-8  
**9.2 Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1 Reactivity:** Stable under recommended transport or storage conditions.  
**10.2 Chemical stability:** Stable under normal conditions.  
**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.  
**10.4 Conditions to avoid:** Heat.  
**10.5 Incompatible materials**  
**Materials to avoid:** Strong oxidising agents. Strong acids.  
**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**

**12.1 Toxicity:**  
**12.2 Persistence and degradability:** Product is biodegradable.  
**12.3 Bioaccumulative potential:** No bioaccumulation potential.  
**12.4 Mobility in soil:** Readily absorbed into soil.  
**12.5 Results of PBT and vPvB assessment**  
**PBT identification:** This product is not identified as a PBT/vPvB substance.  
**12.6 Other adverse effects:** Harmful to aquatic organisms.

**Section 13: Disposal Considerations**

**13.1 Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

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

**Section 14: Transport Information**

**Australian Dangerous Goods Code:**

**14.1 UN Number:** UN1950

**14.2 Proper shipping name:** Aerosols

**14.3 Hazard Class:** 2.2

**14.4 Packaging 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.

**14.5 Environmental Hazards** Not a marine pollutant according to the International Maritime Dangerous Goods (IMDG) Code.

**14.6 Hazchem Code** 2YE

**Section 15: Regulatory Information**

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

**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.

H224: Extremely flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

R11: Highly flammable.

R21/22: Harmful in contact with skin and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

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.

**Legend to abbreviations:**

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

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oc = open cup  
MUS = mouse  
GPG = guinea pig  
RBT = rabbit  
HAM = hamster  
HMN = human  
MAM = mammal  
PGN = pigeon  
IVN = intravenous  
SCU = subcutaneous  
SKN = skin  
DRM = dermal  
OCC = ocular/corneal  
PCP = physico-chemical properties

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.