

Section 1. Identification of the material and the supplier

Product:	Airstel High Level Airborne Disinfectant.
Product Use:	Airborne Disinfectant. For professional use only. Uses advised against: Uses other than the intended use of the product.
Restrictions of use:	Refer to Section 15
New Zealand Supplier:	Tristel New Zealand Limited 23 Birch Ave, Judea Tauranga, 3110
Telephone:	+64 (7) 577 1560
Fax Number:	+64 (7) 577 1567
Email:	info@tristel.co.nz
Emergency No:	0800 764 766 (National Poison Centre)
Australian Supplier:	Tristel Pty Ltd Unit 44, 328 Reserve Road Cheltenham, VIC, 3192
Telephone No:	1300 680 898 (within Australia) +61 3 958 36181 (outside Australia)
Email:	mail-au@tristel.com
Emergency No:	13 11 26 (National Poison Line)

Section 2. Hazards Identification

Australia – This mixture is hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

NZ - This mixture is hazardous according to EPA Hazardous Substances (Classification) Notice 2020

NZ - EPA Approval Code: None assigned



Pictograms:

Signal Word: WARNING

HSNO Class. Hazard Hazard Statement GHS Category

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
2.1.2A	H222	Extremely flammable aerosol.	Category 1
-	H229	Pressurised container: May burst if heated.	-
6.4A	H319	Causes serious eye irritation	Category 2
6.9B	H336	May cause drowsiness or dizziness	Category 3
9.1C	H412	Harmful to aquatic life with long lasting effects	Category 3

Prevention Code Prevention Statement

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing vapours.
P273	Avoid release to the environment.
P280	Wear protective clothing/protective gloves/eye protection/face protection.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C.
P501	Dispose of contents/container in accordance with dangerous residues regulations.

Response Code Response Statement

P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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Section 3. Composition of hazardous Ingredients

PROPAN-2-OL

EINECS	CAS	GHS Classification	Percent
20-661-7	67-63-0	Flam.Liq.2: H225; Eye Irrit.2: H319; STOT SE 3: H336	10-30%

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 Date SDS due for review: 06.06.2028

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Bathe the eye with running water for 15 minutes. Seek medical attention if eye irritation persists.
If on Skin	Wash immediately with plenty of soap and water.
If Swallowed	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
If Inhaled	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Most important symptoms and effects, both acute and delayed

Skin contact	There may be mild irritation at the site of contact.
Eye contact	There may be irritation and redness.
Ingestion	There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

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

Section 5. Fire Fighting Measures

Hazard Type	The product is flammable.
Hazards from products	In combustion emits toxic fumes.
Suitable Extinguishing media	Alcohol resistant foam, carbon dioxide, dry chemical powder. Water fog. Use water spray to cool containers
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
HAZCHEM CODE	2

Section 6. Accidental Release Measures

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

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

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean up procedure which may produce sparks. Dispose of according to Local Regulations.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Avoid direct contact with the substance.
- Do not breathe fumes or vapours or spray.
- Ensure there is sufficient ventilation of the area.
- Smoking is forbidden.
- Use non-sparking tools.
- Wear protective gloves/protective clothing/eye protection/face protection.

Storage:

- Store in cool, well ventilated area.
- Keep container tightly closed.
- Keep away from sources of ignition.
- Prevent the build up of electrostatic charge in the immediate area.
- Ensure lighting and electrical equipment are not a source of ignition.
- Must only be kept in original packaging.
- Store away from incompatible materials listed in Section 10.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (AUS & NZ)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
PROPAN-2-OL	400	983	500	1230

Engineering Controls

Ensure there is sufficient ventilation of the area.

Personal Protection Equipment

Eyes	Wear safety glasses. Ensure eye bath is to hand.
Hands and Skin	Wear suitable gloves and protective clothing.
Respiratory	Respiratory protection not required.

Section 9 Physical and Chemical Properties

Appearance	Liquified gas
Odour	Characteristic odour

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Odour Threshold	No data available
pH	6.5-8.5
Boiling Point	No data available
Melting Point	No data available
Freezing Point	No data available
Flash Point	<23°C
Flammability	No data available
Upper and Lower Explosive Limits	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Relative Density	0.784-0.804 g/cc
Solubility	Soluble in water
Partition Coefficient:	No data available
Auto Ignition temp	No data available
Oxidising	No data available
Viscosity	No data available
Evaporation Rate	No data available
VOC	No data available
Solid content	No data available
VOC	No data available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended handling and storage conditions.
Conditions to Avoid	Heat. Hot surfaces. Sources of ignition. Flames.
Incompatible Materials	Not applicable.
Hazardous Decomposition Products	In combustion emits toxic fumes.

Section 11 Toxicological Information

Acute Effects:

Ingestion	There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.
Eye	There may be irritation and redness.
Skin	There may be mild irritation at the site of contact.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.

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STOT/SE	Not applicable.
STOT/RE	Not applicable.

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

Section 12. Ecotoxicological Information

HSNO Classes: 9.1C

Persistence and degradability	Biodegradable.
Bioaccumulation	Slightly bioaccumable.
Mobility in Soil	Soluble in water.
Other adverse effects	Harmful to aquatic organisms.

Section 13. Disposal Precautions

Disposal Method: Transfer to a suitable container and arrange for collection by specialized disposal company.

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

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in Australia; ADG 7.7

**This product is classified as a Dangerous Good for transport: NZS 5433:2020
UN number or ID number (ADR, IMDG, IATA): UN1950**

UN proper shipping name: AEROSOLS (FLAMMABLE)

Transport hazard class (es):



Class: 2.1 Flammable gas

Label: 2

Environmental hazards: Not applicable

Special precautions for user: Warning: Flammable gas

Tunnel code: D

Transport category: 3

Section 15 Regulatory Information

Australia:

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Poison Schedule No: None assigned

New Zealand:

EPA Approval Code: None assigned

HSNO Classification: 2.1.2A, 6.4A, 6.9B, 9.1C

HSNO Controls in New Zealand:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Over 1,000L
Emergency Response Plan	Over 10,000L
Secondary Containment	Not required
Restriction of Use	None

Section 16 Other Information

Date SDS prepared: 06.06.2023

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Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

1. EPA Hazardous Substances (Safety Data Sheets) Notice June 2021.
2. Safe Work Australia NOHSC 2011 National Code of Practice.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices November 2020 EDITION 12-1.

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.

Please contact the distributor, Tristel, if further information is required.