

### Section 1. Identification of the material and the supplier

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

### Section 2. Hazards Identification

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

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

NZ - EPA Approval Code: None assigned

**Pictogram:**



**Signal Word:** WARNING

Product Name: Tristel Clean for Stella Solution  
Date of SDS: 29.06.2023  
Date SDS due for review: 29.06.2028

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
6.3A	H315	Causes skin irritation	Category 2
6.4A	H319	Causes serious eye irritation	Category 2A

Prevention Code	Prevention Statement
P280	Wear protective gloves/protective clothing/eye protection
P103	Read label before use.

Response Code	Response Statement
P302 + P352	IF ON SKIN: Wash with plenty of water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+ 313	If skin irritation occurs: Get medical advice.
P337 + 313	If eye irritation persists: Get medical advice.

<b>Section 3. Composition of hazardous Ingredients</b>
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**Hazardous ingredients:**

PROPAN-2-OL

EINECS	CAS	GHS Classification	Percent
200-661-7	67-63-0	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%

N,N-DIDECYL-N,N-DIMETHYLAMMONIUM CARBONATE

451-900-9	894406-76-9	Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400	1-10%
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ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE

270-325-2	68424-85-1	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%
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1-DECANAMINE,N,N-DIMETHYL-N-OXIDE

220-020-5	2605-79-0	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Acute Tox. 4: H302	<1%
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#### Section 4. First Aid Measures

##### Routes of Exposure:

If in Eyes	Bathe the eye with running water for 15 minutes. Rinse eyes with water and seek medical advice if irritation persists.
If on Skin	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If skin irritation or rash occurs: Get medical advice.
If Swallowed	Wash out mouth with water. Consult a doctor.
If Inhaled	Move to fresh air in case of accidental inhalation of vapours.

##### Most important symptoms and effects, both acute and delayed

Skin contact	There may be irritation at the site of contact.
Eye contact	There may be irritation and redness.
Ingestion	There may be irritation of the throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

#### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	The product is not flammable.
<b>Hazards from products</b>	In combustion emits toxic fumes.
<b>Suitable Extinguishing media</b>	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
<b>Precautions for firefighters and special protective clothing</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
<b>HAZCHEM CODE</b>	<b>None allocated</b>

#### Section 6. Accidental Release Measures

For personal protection, see Section 8. Evacuate all unprotected personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Prevent product from entering drains. Dispose of according to Local Regulations.

#### Section 7. Handling and Storage

##### Handling:

- Read label before use.
- Avoid direct contact with the substance.

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- Avoid the formation or spread of mists in the air.
- Do not breathe fumes or vapours or spray.
- Use only in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection.

**Storage:**

- Store in cool, well ventilated area.
- Keep container tightly closed.
- Store away from incompatible materials listed in Section 10.

**Section 8 Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS**

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propan-2-ol (AUS/NZ)	400	983	500	1230

**Engineering Controls**

Ensure there is sufficient ventilation of the area.

**Personal Protection Equipment**

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

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	7.0-7.5
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Relative Density</b>	Not available
<b>Solubility</b>	Not available

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<b>Partition Coefficient:</b>	Not available
<b>Auto Ignition temp</b>	Not available
<b>Oxidising</b>	Not available
<b>Viscosity</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>VOC</b>	Not available
<b>Solid content</b>	Not available
<b>VOC</b>	Not available

#### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under recommended handling and storage conditions.
<b>Conditions to Avoid</b>	Heat.
<b>Incompatible Materials</b>	Strong oxidising agents. Strong Acids.
<b>Hazardous Decomposition Products</b>	In combustion emits toxic fumes.

#### Section 11 Toxicological Information

##### Acute Effects:

<b>Ingestion</b>	There may be irritation of throat.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Eye</b>	There may be irritation and redness.
<b>Skin</b>	There may be irritation at the site of contact.

##### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

#### Section 12. Ecotoxicological Information

HSNO Classes: Not applicable

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No bioaccumulation potential.
<b>Mobility in Soil</b>	Readily absorbed into soil. Not classified as environmentally hazardous.
<b>Other adverse effects</b>	No data available

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**Hazardous ingredients:**

Alkyl (C12-16) Dimethylammonium chloride

Daphnia magna	48H EC50	0.016	mg/l
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**Section 13. Disposal Precautions**

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

**Section 14 Transport Information**

This product is not classified as a Dangerous Good for transport in Australia; ADG 7.7

This product is not classified as a Dangerous Good for transport: NZS 5433:2020

**Section 15 Regulatory Information****Australia:**

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

Poison Schedule No: None assigned

**New Zealand:**

EPA Approval Code: None assigned

HSNO Classification: 6.3A, 6.4A

**HSNO Controls in New Zealand:**

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	None

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### Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms.
LD <sub>50</sub>	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.

### 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.