

## SAFETY DATA SHEET

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

Product:	<b>Tristel Jet Gel for Surfaces Activator Solution</b>
Product Use:	To be used with Tristel Jet Gel base solution. For professional use only. Uses advised against: Uses other than the intended use of the product.
Restrictions of use:	Refer to Section 15
<b>New Zealand Supplier:</b>	<b>Tristel New Zealand Limited</b> 23 Birch Ave, Judea Tauranga, 3110
Telephone:	+64 (7) 577 1560
Fax Number:	+64 (7) 577 1567
Email:	info@tristel.co.nz
<b>Emergency No:</b>	<b>0800 764 766 (National Poison Centre)</b>
<b>Australian Supplier:</b>	<b>Tristel Pty Ltd</b> 40/328 Reserve Road Cheltenham, VIC, 3192
Address:	1300 680 898 (within Australia) +61 3 958 36181 (outside Australia)
Telephone No:	
<b>Emergency No:</b>	<b>13 11 26 (National Poison Line)</b>
Date SDS Issued:	7 November 2017

### 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 The *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**NZ - EPA Approval Code: Additives, Process Chemicals and Raw Materials (subsidiary) – HSR002503**

**Pictogram:**



**Irritant    Chronic**

Signal Word: DANGER

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
6.8A	H360	May damage fertility or the unborn child.	Category 1A
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	Category 2
9.1C	H412	Harmful to aquatic life with long lasting effects.	Category 3
9.2C	H423	Harmful to the soil environment.	

**Prevention Code      Prevention Statement**

P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe fumes or vapours or spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.
P281	Use personal protective equipment as required.

**Response Code      Response Statement**

P314	Get medical advice/attention if you feel unwell.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and 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.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

**Storage Code      Storage Statement**

P405	Store locked up.
------	------------------

**Disposal Code      Disposal Statement**

P501	Dispose of according to the local authorities
------	---

**Section 3.      Composition of hazardous Ingredients**

Ingredients	Wt%	CAS NUMBER.
Sodium Chlorite	<1%	7758-19-2
Non hazardous	To bal	

**Section 4.      First Aid Measures**

Routes of Exposure:

If in Eyes	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.
If on Skin	Rinse skin with water/shower. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

**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. 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.

**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.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe fumes or vapours or spray.

- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing.
- Ensure sufficient ventilation of the area.
- Do not handle in a confined space.
- Avoid the formation or spread of mist in the air.
- Use personal protective equipment as required.

**Storage:**

- Store in cool, well ventilated area.
- Store locked up.
- Keep container tightly closed.
- Do not allow product to come into contact with acids.
- Must be kept in the original packaging.
- Store away from incompatible materials listed in Section 10.

**Section 8 Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

No ingredients have exposure limits

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 JUNE 2016 8TH EDITION.

**Engineering Controls**

Ensure there is sufficient ventilation of the area.

**Personal Protection Equipment**

<b>Eyes</b>	Wear safety glasses with side shields (or goggles). Ensure eye bath is to hand.
<b>Hands and Skin</b>	Wear suitable gloves and protective clothing.
<b>Respiratory</b>	No protective equipment is needed under normal use conditions.

**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>	10.5 – 11.5
<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
<b>Partition Coefficient:</b>	Not available
<b>Auto Ignition temp</b>	Not available
<b>Oxidising</b>	Not available
<b>Viscosity</b>	Viscous
<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>Swallowed</b>	There may be irritation of the throat.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Eye</b>	Causes severe eye irritation. The eyes may water profusely.
<b>Skin</b>	Causes skin irritation.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause damage to organs through prolonged or repeated exposure.

### Section 12. Ecotoxicological Information

HSNO Classes:       9.1C = Harmful to aquatic life with long lasting effects.  
                           9.2C = Harmful to the soil environment.

Product Name: Tristel Jet Gel for Surfaces activator solution Prepared by: Technical Compliance Consultants (NZ) Ltd  
 Date of SDS: 7 November 2017 Tel: +64 9 475 5240 WWW.techcomp.co.nz

<b>Persistence and degradability</b>	Biodegradable.
<b>Bioaccumulation</b>	No bioaccumulation potential.
<b>Mobility in Soil</b>	Readily absorbed into soil.
<b>Other adverse effects</b>	No data available

**Hazardous ingredients:**

SODIUM CHLORITE 100%

Daphnia magna	48H EC50	0.29	mg/l
FISH	96H LC50	265-310	mg/l

Do not allow to enter waterways

**Section 13. Disposal Considerations**

Disposal Method: Triple rinse and dispose of according to Local Regulations.

Precautions: Do not allow to enter waterways.

**Section 14 Transport Information**

**This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7  
This product is NOT classified as a Dangerous Good for transport: NZS 5433:2012**

**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: Not Scheduled

**New Zealand:**

EPA Approval Code: Additives, Process Chemicals and Raw Materials (subsidiary) – HSR002503

HSNO Classification: 6.3A, 6.4A, 6.8A, 6.9B, 9.1C, 9.2C

**HSNO Controls in New Zealand:**

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (9.1C)
Emergency Response Plan	1000L (9.1C)
Secondary Containment	1000L (9.1C)
Restriction of Use	None

**Section 16 Other Information**

**Glossary**

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority

Product Name: Tristel Jet Gel for Surfaces activator solution Prepared by: Technical Compliance Consultants (NZ) Ltd  
Date of SDS: 7 November 2017 Tel: +64 9 475 5240 WWW.techcomp.co.nz

HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
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. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice.

#### Disclaimer

This document has been prepared by TCC(NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to the TCC(NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC(NZ) Ltd have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC(NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

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

Issue Date: 7 November 2017 Review Date: 7 November 2022