

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Tristel Jet Gel For Surfaces Working Solution**
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

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**
Address: 40/328 Reserve Road
Cheltenham, VIC, 3192
Telephone No: 1300 680 898 (within Australia)
+61 3 958 36181 (outside Australia)

Emergency No: **13 11 26 (National Poison Line)**

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: Cleaning Products (subsidiary) – HSR002530

Pictogram:



Irritant Ecotoxic

Signal Word: Warning

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
6.3B	H316	Causes mild skin irritation.	Category 3

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6.4A	H319	Causes serious eye irritation.	Category 2A
9.1B	H411	Toxic to aquatic life with long lasting effects.	Category 2

Prevention Code Prevention Statement

P103	Read label before use.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code Response Statement

P391	Collect spillage.
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 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code Storage Statement

None allocated	
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Disposal Code Disposal Statement

P501	Dispose of according to the local authorities
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Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Chlorine Dioxide	<1	10049-04-4
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. 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.
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

Hazard Type	The product is not flammable.
Hazards from products	In combustion emits toxic fumes.
Suitable Extinguishing media	Suitable extinguishing media for the surrounding fire should be used. 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	3Z

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.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Ensure there is sufficient ventilation of the area.
- Wear protective clothing.

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 (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Chlorine dioxide [10049-04-4]	0.1	0.28		

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

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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

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

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Yellow
Odour	Chlorine like
Odour Threshold	Not available
pH	Approx. 5.5
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	Not available
Solubility	Not available
Partition Coefficient:	Not available
Auto Ignition temp	Not available
Oxidising	Not available
Viscosity	Not available
Evaporation Rate	Not available
VOC	Not available
Solid content	Not available
VOC	Not available

Section 10. Stability and Reactivity

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

Section 11 Toxicological Information

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Acute Effects:

Swallowed	There may be irritation of the throat.
Dermal	Not applicable.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Eye	Causes severe eye irritation.
Skin	Causes mild skin irritation.

Chronic Effects:

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

Section 12. Ecotoxicological Information

HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.

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

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 classified as a Dangerous Good for transport in Australia; ADG 7
This product is classified as a Dangerous Good for transport: NZS 5433:2012**

Road and Rail Transport

UN No: 3082
 Class-primary 9
 Packing Group III
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S

Air Transport

UN No: 3082
 Class-primary 9
 Packing Group III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S

Marine Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S

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: Cleaning Products(subsidiary) - HSR002530

HSNO Classification: 6.3B, 6.4A, 9.1B

HSNO Controls in New Zealand:

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

Section 16 Other Information

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 inhaling or ingesting it.
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. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice.

Disclaimer

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

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