

Section 1. Identification of the material and the supplier

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| Product: | Tristel Fuse for Stella Working Solution |
| Product Use: | Disinfectant 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) |

Section 2. Hazards Identification

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

NZ - This substance is non-hazardous according to EPA Hazardous Substances (Classification) Notice 2017

NZ - EPA Approval Code: None assigned

Section 3. Composition of hazardous Ingredients

| Non- Hazardous Ingredients (provided for guidance only) | CAS NUMBER | CLP Classification | Percentage % |
|---|------------|---|--------------|
| Chlorine Dioxide | 10049-04-4 | Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400 | <1 |

Section 4. First Aid Measures**Routes of Exposure:**

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|--------------|---|
| If in Eyes | Rinse eyes with water and seek medical advice if irritation persists. |
| If on Skin | Wash immediately with plenty of soap and water. |
| If Swallowed | Wash out mouth with water. |
| If Inhaled | Move to fresh air in case of accidental inhalation of vapours. |

Most important symptoms and effects, both acute and delayed

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|--------------|---|
| 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

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| 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 | None allocated |

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.

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| Section 7. | Handling and Storage |
|-------------------|-----------------------------|

Handling:

- Read label before use.
- 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.

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| Section 8 | Exposure Controls / Personal Protection |
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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 | 0.3 | 0.84 |

Engineering Controls

Ensure there is sufficient ventilation of the area.

Personal Protection Equipment

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| Eyes | Wear safety glasses. 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. |

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| Section 9 | Physical and Chemical Properties |
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|---|---------------|
| Appearance | Liquid |
| Colour | Yellow |
| Odour | Chlorine like |
| Odour Threshold | Not available |
| pH | 2.5 - 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 |

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| | |
|------------------------|---------------|
| Vapour Density | Not available |
| Relative Density | 1.000 – 1.010 |
| 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

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|----------------------------------|---|
| 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

Acute Effects:

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|------------|---|
| Ingestion | There may be irritation of the throat. |
| Inhalation | There may be irritation of the throat with a feeling of tightness in the chest. |
| 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. |
| STOT/SE | Not applicable. |
| STOT/RE | Not applicable. |

Section 12. Ecotoxicological Information

HSNO Classes: Not applicable

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

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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

This product is NOT classified as a Dangerous Good for transport: NZS 5433:2012

Section 15 Regulatory Information

Australia:

Australia – This substance is non-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: None assigned

Section 16 Other Information

Date SDS prepared: 17.10.2018

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Glossary

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|------------------|---|
| 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 December 2017.

2. Safe Work Australia NOHSC 2011 National Code of Practice.

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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.

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.