

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: TRISTEL DUO OPH WORKING SOLUTION

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Disinfectant solution. For professional use only. Uses advised against: Uses other than the intended use of the product.

1.3. Details of the supplier of the safety data sheet

Company name: Tristel Solutions Limited

Lynx Business Park

Fordham Road

Newmarket

Cambridgeshire

CB8 7NY

United Kingdom

Tel: +44 (0) 1638 721 500

Fax: +44 (0) 1638 721 911

Email: SDS@tristel.com

1.4. Emergency telephone number

Emergency telephone numbers:

British Columbia, Yukon: BC Drug And Poison Information Centre: 1-800-567-8911 (toll free in BC), (604) 682-5050 (Greater Vancouver or outside of BC)

Alberta, Northwest Territories, Saskatchewan: Poison And Drug Information Service: 1-800-332-1414 (toll free in Alberta, Northwest Territories), 1-866-454-1212 (toll free in Saskatchewan)

Ontario, Manitoba; also serving health-care professionals in Nunavut: Ontario Poison Centre, 1-800-268-9017 (toll free in Ontario): 1-855-776-4766 (toll free in Manitoba)

Québec: Centre antipoison du Québec: 1-800-463-5060 (toll free in Province of Québec)

Nova Scotia, Prince Edward Island: IWK Regional Poison Centre: 1-800-565-8161 (within NS and PEI only), (902) 470-8161 (Halifax or outside NS, PEI)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

WHMIS Regulatory Status: This product has been classified according to the hazard criteria of the Hazardous Product Regulations and the SDS contains all required information.

Physical Hazards: Not classified

Health Hazards: Not classified

Environmental Hazards: Not classified

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2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

CHLORINE DIOXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
233-162-8	10049-04-4	-	Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Rinse eyes with water and seek medical advice if irritation persists.

Ingestion: Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

4.2. 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.

4.3. Indication of any immediate medical attention and special treatment needed

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Disinfectant Solution. For professional use only.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: CHLORINE DIOXIDE

Respirable dust

Country	8 hour PEL	15 min. STEL-TLV	8 hour TWA	15 min. STEL
CAN	0.1ppm	0.3ppm	N/A	N/A

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow

Odour: Chlorine like

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

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Melting point/range°C: No data available.

upper: No data available.

Autoflammability°C: No data available.

Relative density: No data available.

Flammability limits %: lower: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Non-classified ingredients:

CHLORINE DIOXIDE...100%

ORAL	RAT	LD50	292	mg/kg
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Toxicity values: No data available.

Symptoms / routes of exposure

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.

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Not classified as environmentally hazardous.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Section 14: Transport information

14.1. UN number

UN number: Not applicable

14.2. UN proper shipping name

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

14.3. Transport hazard class(es)

Transport class: Not applicable

14.4. Packing group

Packing group: Not applicable

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: Not applicable

Transport category: Not applicable

IMDG seg. group: NOT APPLICABLE

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not applicable

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: This product has been classified in accordance with WHMIS 2015, in compliance with the Hazardous Products Act (HPA, as amended) and the requirements of the Hazardous Products Regulations (HPR).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H301: Toxic if swallowed.
H314: Causes severe skin burns and eye damage.
H400: Very toxic to aquatic life.

Legal 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.