

Tristel One Day

Working Solution Safety Data Sheet

1. Identification

Product Name: Tristel One Day – Working solution

Product Code: T1D

Type of product: Sporidical disinfectant for medical devices

Supplier: Tristel Solutions Limited
Lynx Business Park
Fordham Road
Snailwell
Cambs, CB8 7NY, United Kingdom

Telephone Number: +44 (0) 1638 721500
+44 (0) 7798 805692 (Out of hours contact)

Fax Number: +44 (0) 1638 721911

Email: healthandsafety@tristel.com

Chemical type: Mild Oxidising Solution

2. Hazards

identification:

Chlorine dioxide generator

WEL - 0.84 mg/m³ short term, 15 minute reference period
- 0.28 mg/m³ long term, 8 hour TWA reference period

3. Composition:

Ingredients	CAS No	EINECS No	Wt/Vol %	Symbol
Chlorine dioxide in aqueous solution	10049-04-4	233-162-8	0.021-0.026	ClO ₂
Water				H ₂ O

4. First aid measures:

Inhalation: Non-toxic

Eye contact: Rinse eyes with water

Skin contact: Wash affected area with water

Ingestion: Do not induce vomiting. Give milk or water to drink
Seek medical advice where necessary

5. Fire fighting measures:

Non flammable

6. Accidental release measures:

Environmental precautions: Environmental precautions required but product is biodegradable under OECD conditions operational 6/1995

Clean up method: Flush to drain with water or soak up onto inert material and dispose of with clinical waste

Clothing for disposal: Wear appropriate gloves and apron

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7. Handling and storage:

Handling guidelines: Safe handling in accordance with label instructions
Not to be mixed with other chemicals
Keep from children

Storage guidelines: Store out of direct sunlight
Shelf life determined by Tristel Efficacy Test Kit

8. Exposure controls/personal protection:

Personal protection: Avoid eye contact and prolonged skin contact
Gloves and apron recommended

Skin contact: Low risk

Eye contact: Low risk

Inhalation: Low risk

Ingestion: Low risk, substantial ingestion may cause discomfort to mouth
and digestive tissues

9. Physical and chemical properties:

Physical state: Liquid

Appearance and odour: Light yellow with mild odour

Evaporation rate: As water

Boiling point: As water

Freezing point: As water

% Volatile (by weight): Not known

Solubility in water (20°C): Soluble

pH: 5.5 – 6.5

Specific gravity 1.005 @ 20°C

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with the Regulations of
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10. Stability and reactivity:

Decomposes to simple salt solution

Hazardous decomposition products: None under normal use

Chlorine donors and oxygen produced if heated

11. Toxicological information:

Acute Oral LD50	>5000 mg/kg
Irritation to skin	Negative
Irritation to eyes	Negative
Sensitisation	Negative

12. Ecological information: Presents no known hazards to the environment

13. Disposal considerations:

Packaging:	Can be disposed of as normal waste in accordance with local authority regulations
Contaminated packaging:	May be disposed of safely under normal conditions in accordance with local authority regulations
Product:	Solution to be disposed of in accordance with spillage instructions as explained in accidental release measures

14. Transport information: Not applicable

15. Regulatory information:

Not a licensed medicine

Approved under EEC 93/42 and the 2007/47 amendment thereto for contact with medical devices

16. Other information:

Safety phrases:

(2) Keep out of reach of children

(24/25) Avoid contact with eyes and skin

(50) Do not mix with other chemicals

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with the Regulations of
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Tristel One Day Activator & Base Safety Data Sheet

1. Identification		1. Identification	
Product Name:	Tristel One Day - Activator Sodium salt solution	Product Name:	Tristel One Day – Base Organic acid blend
Chemical Type:		Chemical Type:	
2. Hazards Identification:		2. Hazards Identification:	
No specific hazards Contact with acids liberates chlorine dioxide		No specific hazards	
3. Composition/information on ingredients:		3. Composition/information on ingredients:	
Major ingredients:	2.0% Sodium Chlorite Solution in demineralised water	Major ingredients:	0.09% solution of Citric Acid <0.01% Boric Acid <0.01% Sorbic Acid In demineralised water
4. First-aid measures:		4. First-aid measures:	
Inhalation:	Non-toxic	Inhalation:	Non-toxic
Eye contact:	Rinse eyes with water	Eye contact:	Rinse eyes with water
Skin contact:	Wash affected area with water	Skin contact:	Wash affected area with water
Ingestion:	Do not induce vomiting give milk or water to drink Seek medical advice where necessary	Ingestion:	Do not induce vomiting give milk or water to drink Seek medical advice where necessary
5. Fire fighting measures:		5. Fire fighting measures:	
Non flammable		Non flammable	
6. Accidental release measures:		6. Accidental release measures:	
Environmental Precautions:	Environmental precautions required but product is biodegradable under OECD conditions operational 6/1995	Environmental Precautions:	Environmental precautions required but product is biodegradable under OECD conditions operational 6/1995
Clean up method:	Flush to drain with water or soak up onto inert material and dispose of with clinical waste	Clean up method:	Flush to drain with water or soak up onto inert material and dispose of with clinical waste
Clothing for disposal:	Wear appropriate gloves and apron	Clothing for disposal:	Wear appropriate gloves and apron

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Tristel One Day Activator & Base Safety Data Sheet

Product Name: Tristel One Day - Activator	Product Name: Tristel One Day – Base
7. Handling and storage: Handling guidelines: Safe handling in accordance with label instructions Not to be mixed with other chemicals Keep from children Storage guidelines: Store out of direct sunlight Two year shelf life – see product for expiry date	7. Handling and storage: Handling guidelines: Safe handling in accordance with label instructions Not to be mixed with other chemicals Keep from children Storage guidelines: Store out of direct sunlight Two year shelf life – see product for expiry date
8. Exposure controls/personal protection: Personal protection: Avoid eye contact and prolonged skin contact Gloves and apron recommended Skin contact: Low risk Eye contact: Low risk Inhalation: Low risk Ingestion: Low risk, substantial ingestion may cause discomfort to mouth and digestive tissues	8. Exposure controls/personal protection: Personal protection: Avoid eye contact and prolonged skin contact Gloves and apron recommended Skin contact: Low risk Eye contact: Low risk Inhalation: Low risk Ingestion: Low risk, substantial ingestion may cause discomfort to mouth and digestive tissues
9. Physical and chemical Properties: Physical state: Liquid Appearance and odour: Clear colourless solution, no odour Evaporation rate: As water Boiling point: As water Freezing point: As water % Volatile (by weight): Not known	9. Physical and chemical Properties: Physical state: Liquid Appearance and odour: Pale blue solution, no odour Evaporation rate: As water Boiling point: As water Freezing point: As water % Volatile (by weight): Not known <div style="text-align: right;">This document conforms with the Regulations of REACH, 2007</div>

Tristel One Day Activator & Base Safety Data Sheet

Product Name: Tristel One Day - Activator	Product Name: Tristel One Day – Base
Physical and chemical Properties continued: Solubility in water (20° C) Soluble pH: 11.5 – 12.5 Specific gravity: 1.025 @ 20° C	Physical and chemical Properties continued: Solubility in water (20° C) Soluble pH: 5.0 – 6.0 Specific gravity: 1.000 @ 20° C
10. Stability and reactivity: No decomposition if stored and used as directed Hazardous decomposition products: None under normal use Chlorine donors and oxygen produced if heated	10. Stability and reactivity: No decomposition if stored and used as directed Hazardous decomposition products: None under normal use Not compatible with alkaline substance and chlorine donors
11. Toxicological information: Sodium Chlorite Acute oral LD50: >4000 mg/kg Irritation to skin: Minimally irritating Irritation to eyes: Mild irritant	11. Toxicological information: Citric Acid Acute oral LD50: >11750 mg/kg Irritation to skin: Mild irritant under prolonged contact Irritation to eyes: Irritant
12. Ecological information: No known adverse effects from normal use	12. Ecological information: No known adverse effects from normal use
13. Disposal considerations: Packaging: Can be disposed of as normal waste in accordance with local authority regulations Contaminated packaging: May be disposed of safely under normal conditions in accordance with local authority regulations Product: Solution to be disposed of in accordance with spillage instructions as explained in accidental release measures	13. Disposal considerations: Packaging: Can be disposed of as normal waste in accordance with local authority regulations Contaminated packaging: May be disposed of safely under normal conditions in accordance with local authority regulations Product: Solution to be disposed of in accordance with spillage instructions as explained in accidental release measures

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