

Tristel One Day Working Solution Safety Data Sheet

Product Name: Tristel One Day – Working solution

Revision Number

T1D/SDS/006

Publication Date

16.7.07

Product Code: T1D

Type of product: Sterilising solution for medical, dental and veterinary instruments

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

Telephone Number: +44 (0) 1638 721500

Fax Number: +44 (0) 1638 721911

Emergency Number: +44 (0) 7798 805692 (out of business hours)

Chemical type: Mild Oxidising Solution

Composition:

Ingredients	CAS No	EINECS No	Wt/Vol %	Symbol
Chlorine dioxide in aqueous solution	10049-04-4	233-162-8	0.0175-0.026	Cl ₂
Water				H ₂ O

Hazards identification: Chlorine dioxide generator
(OES of 0.3ppm short term; 0.1ppm long term)

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

Fire fighting measures: Non flammable

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

This document conforms with Regulation 6 of the Chemicals (Hazard Information and Packaging Supply) Regulations 2002 (CHIP3)

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Handling and storage:

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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

Exposure controls/personal protection:

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

Skin contact: Low risk
No known hazard

Eye contact: Low risk
No known hazard

Inhalation: Low risk

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

Physical and chemical properties:

Physical state: Liquid

Appearance and odour: Light yellow with mild odour

Evaporation rate: As water

Boiling point: 101 degrees centigrade

Freezing point: As water

% Volatile (by weight): Not known

Solubility in water (20°C): Soluble

pH: 6.0 approximately

Specific gravity: 1.005 @ 20°C

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with Regulation 6 of the
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Supply) Regulations
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Stability and reactivity:

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Decomposes to simple salt solution

Hazardous decomposition products: None under normal use

Chlorine donors and oxygen produced if heated

Toxicological information:

LD50 (oral, rat)	>5,000 mg/kg
Irritation to skin (rabbit)	Negative
Irritation to eyes (rabbit)	Negative
Sensitisation (guinea pig)	Negative

Ecological information:

Presents no known hazards to the environment

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

Transport information:

No special conditions apply, non hazardous

Regulatory information:

Not a licensed medicine

Approved under EEC 93/42 for contact with medical instruments

Other information:

Safety phrases:

(2) Keep out of reach of children

(50) Do not mix with other chemicals

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Tristel One Day Activator & Base Safety Data Sheet

<p>Product Name: Tristel One Day - Activator</p> <p>Chemical Type: Sodium salt solution</p> <p>Composition/information on ingredients:</p> <p>Major ingredients: 2.0% Sodium chlorite solution in de-mineralised water</p> <p>Hazards Identification: No specific hazards Contact with acids liberates chlorine dioxide</p> <p>First-aid measures:</p> <p>Inhalation: Non-toxic</p> <p>Eye contact: Rinse eyes with water</p> <p>Skin contact: Wash affected area with water</p> <p>Ingestion: Do not induce vomiting give milk or water to drink</p> <p style="padding-left: 20px;">Seek medical advice where necessary</p> <p>Fire fighting measures:</p> <p>Non flammable</p> <p>Accidental release measures:</p> <p>Environmental Precautions: Environmental precautions required but product is biodegradable under OECD conditions operational 6/1995</p> <p>Clean up method: Flush to drain with water or soak up onto inert material and dispose of with clinical waste</p> <p>Clothing for disposal: Wear appropriate gloves and apron</p>	<p>Product Name: Tristel One Day – Base</p> <p>Chemical Type: Organic acid blend</p> <p>Composition/information on ingredients:</p> <p>Major ingredients: 0.08% solution of citric acid, with preservatives and corrosion inhibitors in de-mineralised water</p> <p>Hazards Identification: No specific hazards</p> <p>First-aid measures:</p> <p>Inhalation: Non-toxic</p> <p>Eye contact: Rinse eyes with water</p> <p>Skin contact: Wash affected area with water</p> <p>Ingestion: Do not induce vomiting give milk or water to drink</p> <p style="padding-left: 20px;">Seek medical advice where necessary</p> <p>Fire fighting measures:</p> <p>Non flammable</p> <p>Accidental release measures:</p> <p>Environmental Precautions: Environmental precautions required but product is biodegradable under OECD conditions operational 6/1995</p> <p>Clean up method: Flush to drain with water or soak up onto inert material and dispose of with clinical waste</p> <p>Clothing for disposal: Wear appropriate gloves and apron</p>	<p>Revision Number T1D/SDS/006 Publication Date 16.7.07</p> <p style="text-align: right; margin-top: 20px;">This document conforms with Regulation 6 of the Chemicals (Hazard Information and Packaging Supply) Regulations 2002 (CHIP3)</p>

Tristel One Day Activator & Base Safety Data Sheet

Product Name: Tristel One Day - Activator		Product Name: Tristel One Day – Base		Revision Number T1D/SDS/006 Publication Date 16.7.07
Handling and storage:		Handling and storage:		
Handling guidelines:	Safe handling in accordance with label instructions	Handling guidelines:	Safe handling in accordance with label instructions	
	Not to be mixed with other chemicals		Not to be mixed with other chemicals	
	Keep from children		Keep from children	
Storage guidelines:	Store out of direct sunlight	Storage guidelines:	Store out of direct sunlight	
Exposure controls/personal protection:		Exposure controls/personal protection:		
Personal protection:	Avoid eye contact and prolonged skin contact	Personal protection:	Avoid eye contact and prolonged skin contact	
	Gloves and apron recommended		Gloves and apron recommended	
Skin contact:	Low risk	Skin contact:	Low risk	
	No known hazard		No known hazard	
Eye contact:	Low risk	Eye contact:	Low risk	
	No known hazard		No known hazard	
Inhalation:	Low risk	Inhalation:	Low risk	
Ingestion:	Low risk, substantial ingestion may cause discomfort to mouth and digestive tissues	Ingestion:	Low risk, substantial ingestion may cause discomfort to mouth and digestive tissues	
Physical and chemical Properties:		Physical and chemical Properties:		
Physical state:	Liquid	Physical state:	Liquid	
Appearance and odour:	Clear colourless solution, no odour	Appearance and odour:	Pale blue, no odour	
Evaporation rate:	As water	Evaporation rate:	As water	
Boiling point:	110 degrees centigrade	Boiling point:	102 degrees centigrade	
Freezing point:	As water	Freezing point:	As water	
% Volatile (by weight):	Not known	% Volatile (by weight):	Not known	

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Tristel One Day Activator & Base Safety Data Sheet

Product Name: Tristel One Day - Activator	Product Name: Tristel One Day - Base	Revision Number T1D/SDS/006 Publication Date 16.7.07
Transport information: No special conditions apply, non hazardous	Transport information: No special conditions apply, non hazardous	
Regulatory information: Not a licensed medicine Approved under EEC 93/42 for contact with medical instruments	Regulatory information: Not a licensed medicine Approved under EEC 93/42 for contact with medical instruments	
Other information: Safety phrases (2) Keep out of reach of children (24/25) Avoid contact with skin and eyes (50) Do not mix with other chemicals	Other information: Safety phrases (2) Keep out of reach of children (24/25) Avoid contact with skin and eyes (50) Do not mix with other chemicals	
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