

# Tristel One Day Concentrate for Laboratories

## Working Solution Safety Data Sheet

**Product Name:** Tristel One Day Concentrate for Laboratories – Working solution

Revision Number  
T1DC/LAB/SDS/002  
Publication Date  
16.7.07

**Product Code:** T1DC/LAB

Type of product: Sporidical Disinfectant

Manufacturer: 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 <sub>2</sub>
Water				H <sub>2</sub> 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  
One day solution

### 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 Concentrate for Laboratories

## Activator & Base Safety Data Sheet

Product Name: <b>T1DC for Labs – Activator</b>		Product Name: <b>T1DC for Labs – Base</b>		Revision Number T1DC/LAB/SDS/002 Publication Date 16.7.07
<b>Chemical Type:</b>	Sodium salt solution	<b>Chemical Type:</b>	Organic acid blend	
<b>Composition/information on ingredients:</b>		<b>Composition/information on ingredients:</b>		
<b>Major ingredients:</b>	2.0% Sodium chlorite solution in de-mineralised water	<b>Major ingredients:</b>	0.08% solution of citric acid, with preservatives and corrosion inhibitors in de-mineralised water	
<b>Hazards Identification:</b>	No specific hazards Contact with acids liberates chlorine dioxide	<b>Hazards Identification:</b>	No specific hazards	
<b>First-aid measures:</b>		<b>First-aid measures:</b>		
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	
<b>Fire fighting measures:</b>		<b>Fire fighting measures:</b>		
	Non flammable		Non flammable	
<b>Accidental release measures:</b>		<b>Accidental release measures:</b>		
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	This document conforms with Regulation 6 of the Chemicals (Hazard Information and Packaging Supply) Regulations 2002 (CHIP3)
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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## Activator & Base Safety Data Sheet

Product Name: <b>T1DC for Labs – Activator</b>		Product Name: <b>T1DC for Labs – Base</b>		Revision Number T1DC/LAB/SDS/002 Publication Date 16.7.07
<b>Handling and storage:</b>		<b>Handling and storage:</b>		
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	
	Shelf life – two years – see product for expiry date		Shelf life – two years – see product for expiry date	
<b>Exposure controls/personal protection:</b>		<b>Exposure controls/personal protection:</b>		
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	
<b>Physical and chemical Properties:</b>		<b>Physical and chemical Properties:</b>		
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:	101 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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<b>Transport information:</b>	No special conditions apply, non hazardous	<b>Transport information:</b>	No special conditions apply, non hazardous	
<b>Regulatory information:</b>	Not a licensed medicine	<b>Regulatory information:</b>	Not a licensed medicine	
Approved under EEC 93/42 for contact with medical instruments	Approved under EEC 93/42 for contact with medical instruments			
<b>Other information:</b>	Safety phrases	<b>Other information:</b>	Safety phrases	
(2) Keep out of reach of children	(2) Keep out of reach of children			
(24/25) Avoid contact with skin and eyes	(24/25) Avoid contact with skin and eyes			
(50) Do not mix with other chemicals	(50) Do not mix with other chemicals			
				This document conforms with Regulation 6 of the Chemicals (Hazard Information and Packaging Supply) Regulations 2002 (CHIP3)