Product  
Code:STERI-7  
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Date Prepared: 23.06.05**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

Identification of the substance/preparation    STERI-7  
Synonyms    None  
Use of the substance/preparation    Surface steriliser

Company Identification    Sentinel International Ltd  
Address and Telephone No.    Unit 1  
Batsworth Road  
Mitcham  
Surrey  
CR4 3BX  
Tel: 0208 687 0567

Emergency Phone No.    0208 687 0567

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous component(s)

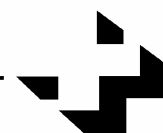
Ingredient	CAS Number	EC Number	%	Symbol	Risk Phrases
Propan-2-ol	67-63-0	200-661-7	1 - 5	F, Xi	R11-36-67
Diethylene glycol	111-46-6	203-872-2	1 - 5	Xn	R22
Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one	55965-84-9	247-500-7 and 220-239-6	< 1	T, N	R23/24/25-34-43-50/53
Acetone	67-64-1	200-662-2	< 0.1	F, Xi	R11-36-66-67 Has IOELV

See also Section 8

**3. HAZARDS IDENTIFICATION**

Important hazards

- Health/Physical hazards    May cause sensitisation by skin contact.
- Environmental hazards    Not classified as hazardous to the environment under EU regulations.



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#### 4. FIRST-AID MEASURES

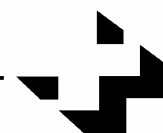
Inhalation	Remove patient to fresh air, allow to rest and keep warm. If specific symptoms are evident, seek medical attention.
Skin contact	Wash immediately with plenty of soap and water. Remove any contaminated clothing and launder before reuse. If specific symptoms are evident, seek medical attention.
Eye contact	Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. Seek medical attention.
Ingestion	DO NOT induce vomiting! Rinse mouth out with water, but do not give anything to drink. Seek medical attention.
Personal precautions	Ensure that those giving first aid treatment do not get contaminated by product spills, etc. Wear suitable protective clothing, gloves, safety goggles. See also Section 8.

#### 5. FIRE-FIGHTING MEASURES

Extinguishing media	
- Suitable	Water, foam, carbon dioxide.
- Not to be used	None.
Special exposure hazards	None other than those expected from materials of construction.
Special protective equipment for fire fighters	Self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear suitable protective clothing, gloves, safety goggles. See Section 8 for details.
Environmental precautions	Prevent from entering sewers or the immediate environment. In case of large spill, inform local police and/or fire brigade.
Methods for cleaning up	
- on soil	Absorb onto inert material such as sand or earth. Place in secure container for recovery or disposal as Hazardous Waste. Residues should be deactivated or degraded to non-toxic components by the addition of a solution of 5% sodium hypochlorite (household bleach) and 5% sodium bicarbonate. Deactivation should be complete in 30 minutes.
- on water	None applicable.

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Handling	Avoid contact with skin and eyes. Do not ingest.
Storage	Keep in original containers. Protect from sunlight to avoid slight discolouration.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

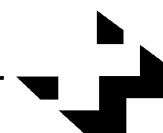
Recommended engineering controls:	Ensure good ventilation. Arrange for eye wash possibility.
Control parameters:	
-WEL (UK EH40/2005)	23 ppm/101 mg/m <sup>3</sup> (8 hr) (diethylene glycol) 400 ppm/999 mg/m <sup>3</sup> (8 hr) (propan-2-ol) 500 ppm/1250 mg/m <sup>3</sup> (15 min) (propan-2-ol)
-IOELV (EU 2000)	500 ppm/1210 mg/m <sup>3</sup> (8 hr) (acetone)
Monitoring procedures:	Not required.
Personal protection:	Always check applicability with your supplier of protective equipment.
- Respiratory protection	Not required.
- Skin protection	Laboratory coat or overalls.
- Eye protection	Chemical goggles or full face visor if handling large amounts.
- Hand protection	Nitrile or butyl rubber gloves. (Break-through times can vary depending on thickness, use and source. Change gloves regularly.)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear, colourless to pale yellow liquid
Odour	None
pH (concentrated product)	3.2
Melting point (°C)	Approx 0
Boiling point/range (°C)	Approx 100
Flash point (Pensky Martens) (°C)	Not flammable
Explosive properties	None
Oxidising properties	None
Density at 20°C (kg/m <sup>3</sup> )	900
Solubility in water (% by weight)	Completely miscible in all proportions

*Note: These are typical values and do not constitute a specification.*



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Disposal of packaging

Contaminated packing should be disposed of as Hazardous Waste, as above, according to local authority guidelines. Washed and decontaminated packing should be disposed of as Controlled Waste. NB washings should also be disposed of as Hazardous Waste.

**14. TRANSPORT INFORMATION**

Not classified as dangerous for transport.  
NOT RESTRICTED BY IATA

**15. REGULATORY INFORMATION**

EU labelling information

Symbol(s)

Xi

Irritant



- R-Phrase(s)

R43

May cause sensitisation by skin contact

- S-Phrase(s)

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37

Wear suitable protective clothing and gloves

Specific provisions

Exposure limit, see Section 8.

**16. OTHER INFORMATION**

Sources of key data used

CHIP Approved Supply List  
Suppliers' Safety Data Sheets  
In-house test data  
Literature (Sax & Lewis; Merck Index)

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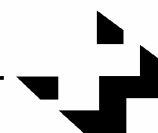
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Supersedes Version

None, initial issue

Nature of revision

Not applicable



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R-phrases used in document	R11	Highly flammable
	R22	Harmful if swallowed
	R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
	R34	Causes burns
	R36	Irritating to eyes
	R43	May cause sensitisation by skin contact
	R50/53	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
	R66	Repeated exposure may cause skin dryness or cracking
	R67	Vapours may cause drowsiness and dizziness

Based on EU Directive 91/155/EEC (as amended by 93/112/EEC and 2001/58/EC)

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