

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name	STERI-7 XTRA Concentrate
Trade Name	STERI-7 XTRA CONCENTRATE
Product code	CON**
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not applicable.

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

Identified Use(s)	Disinfection of non-porous and porous surfaces
Uses Advised Against	None known.

1.3 Details of the supplier of the safety data sheet**Manufacturer**

Company Identification	Steri-7 Worldwide Ltd
Address of Manufacturer	34 Baron Grove Mitcham Surrey United Kingdom
Postal code	CR4 4EH
Telephone:	+44 (0) 1932237600
Fax	Not known.
E-mail	info@steri-7.com
Office hours	

Supplier

Company Identification	Steri-7 Worldwide Ltd
Address of Supplier	34 Baron Grove Mitcham Surrey United Kingdom
Postal code	CR4 4EH
Telephone:	+44 (0) 1932237600
Fax	Not known.
E-mail	info@steri-7.com
Office hours	

1.4 Emergency telephone number

Emergency Phone No.	01932237600
Contact	Richard Fraser
National response center	
Address	National Poisons Information Service (Birmingham Centre) City Hospital Dudley Road, Birmingham, United Kingdom
Emergency Phone No.	+00 448 706 006 266 NHS Direct - 0845 4647 or 111

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008 (CLP) Aquatic Acute 2 : Toxic to aquatic life.
 Aquatic Chronic 2 : Toxic to aquatic life with long lasting effects.
 Eye Irrit. 2 : Causes serious eye irritation.
 Skin Irrit. 2 : Causes skin irritation.

2.2 Label elements According to Regulation (EC) No. 1272/2008 (CLP)

Product Name STERI-7 XTRA Concentrate

Hazard Pictogram(s)



GHS07

GHS09

Signal Word(s) Warning

Hazard Statement(s) H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H401: Toxic to aquatic life.
 H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s) P264: Wash hands thoroughly after handling.
 P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352: IF ON SKIN: Wash with plenty of water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards Not known.

2.4 Additional Information For full text of H/P Statements see section 16.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
propan-2-ol isopropyl alcohol isopropanol	67-63-0	200-661-7	1 - 5	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
didecyldimethylammonium chloride	7173-51-5	230-525-2	1 - 5	Acute Tox. 4 H302 Skin Corr. 1B H314	GHS05 GHS07
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	270-325-2	0,1-1	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Corr. 1A H314 Aquatic Acute 1 H400	GHS05 GHS07 GHS09

2,2'-oxybisethanol diethylene glycol	111-46-6	203-872-2	1-5	Acute Tox. 4 H302	GHS07
Guanidine, N,N''-1,6-hexanediyldis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride	27083-27-8	608-042-7	0,1-1	Carc. 2 H351 Acute Tox. 4 H302 STOT RE 1 H372 Eye Dam. 1 H318 Skin Sens. 1B H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS07 GHS08 GHS09

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	
Ingestion	Wash out mouth with water.
4.2 Most important symptoms and effects, both acute and delayed	Causes burns.
4.3 Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.
5.2 Special hazards arising from the substance or mixture	May decompose in a fire, giving off toxic and irritant vapours.
5.3 Advice for fire-fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.
6.2 Environmental precautions	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
6.3 Methods and material for containment and cleaning up	Absorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.
6.4 Reference to other sections	See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
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7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s) Disinfectant

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Propan-2-ol	67-63-0	400	999	500	1250	
Propan-2-ol	67-63-0	400	999	500	1250	Comp,
Acetone	67-64-1	500	1210	1500	3620	
Acetone	67-64-1	500	1210			IOELV
Isopropyl acetate	108-21-4			200	849	
2,2'-Oxydiethanol	111-46-6	23	101			
2,2'-Oxydiethanol	111-46-6	23	101			Comp,
Butan-1-ol	71-36-3			50	154	Sk

Remark	Footnote
Comp	The company aims to control exposure in its workplace to this limit.
IOELV	IOELV: Indicative Occupational Exposure Limit Value
Sk	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards None known.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless
Odour	Odourless

Odour threshold	Not known.
pH	7
Melting point/freezing point	Not known.
Boiling point/boiling range (°C):	95°C
Flash Point	>95°C
Flash Point Range	Not known.
Density (g/ml)	1,0g/cm ³
Evaporation rate	Not known.
Flammability	Not known.
Vapour density	Not known.
Vapour pressure	Not known.
Relative density	Not known.
Solubility (Water)	Completely miscible with water.
Solubility (Other)	Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Upper/lower flammability or explosive limits	Not known.
Other information	Not known.
Incompatible with acid.	
Incompatible with alkalis (strong bases).	

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	None anticipated.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition product(s)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 9380.86000
Acute toxicity - Skin Contact	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 127906.98000
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Calculation method: Causes skin irritation.
Serious eye damage/irritation	Not classified. First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	Not known.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1.1 Toxicity - Aquatic invertebrates:	Not classified
12.1.2 Toxicity - Fish	Low toxicity to fish.
12.1.3 Toxicity - Algae	Low toxicity to algae.
12.1.4 Toxicity - Sedimentation	The substance has low mobility in sediment.
12.1.5 Toxicity - Terrestrial Compartment	Low toxicity under normal conditions of handling and use.
12.2. Persistence and Degradation	Not known.
12.3. Bioaccumulative potential	Not known.
12.4. Mobility in soil	Not known.
12.5. Results of PBT and vPvB assessment	Not known.
12.6 Other adverse effects	Not known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point.
13.2 Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No.	3082
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14.2 UN proper shipping name

UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
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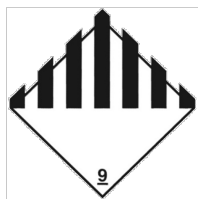
14.3 Transport hazard class(es)

ADR/RID Class	9
IMDG Class	9
IMDG EMS	Not available
ICAO/IATA	
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y964

Passenger and Cargo Aircraft Limited Quantities Max net Qty	30Kg
Passenger and Cargo Aircraft Max net Qty	964
Passenger and Cargo Aircraft Max net Qty	450L
Cargo Aircraft Packing Instructions	964
Cargo Aircraft Max net Qty	450L
Special Provisions	A97, A158
Emergency Response Guidebook (ERG) Code	9L
ADR Classification Code	M6
ADR HIN	90
ADR Transport Category	3
Tunnel Restriction Code	E
Emergency Action Code	•3Z
APP Advice on Additional Personal Protection (APP)	Not applicable

14.4 Packing group

Packing group	III
Labels	9



Special Provisions	274 335 601
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	PP1
Mixed Packing Instructions for Packages	MP19

14.5 Environmental hazards

Environmental hazards	Not known.
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14.6 Special precautions for user

Special precautions for user	Not known.
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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1 TP29
Tank Code for Tanks	LGBV
Special Provisions for Tanks	Not applicable

Vehicle for Tank Carriage AT
 Special Provisions for Carriage - V12
 Packages
 Special Provisions for Carriage - Not applicable
 Bulk
 Special Provisions for Carriage - CV13
 Loading, Unloading and
 Handling
 Special Provisions for Carriage - Not applicable
 Operation

15. SECTION 15: REGULATORY INFORMATION

15.1 European Regulations

Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation All chemicals are not listed

REACH: ANNEX XIV list of substances subject to authorisation All chemicals are not listed

REACH: ANNEX XVII restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles All chemicals are not listed

Community Rolling Action Plan (CoRAP) Not known.

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Didecyldimethylammonium chloride (7173-51-5)

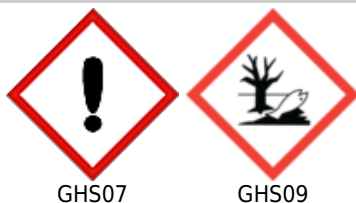
15.2 National regulations

Other Not known.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

Hazard Pictogram(s)



Signal Word(s)	Warning
Hazard Statement(s)	H315: Causes skin irritation. H319: Causes serious eye irritation. H401: Toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.
Precautionary Statement(s)	P264: Wash hands thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see Medical Advice on this label). P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. And wash it before reuse. P391: Collect spillage. P501: Dispose of contents in accordance with local, state or national legislation.
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