

S-7XTRA Concentrate

Steri-7 Pty Ltd

Issue Date: 16/03/2022
Print Date: 16/03/2022
L.GHS.AUS.EN

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

SECTION 1 Identification of the substance / mixture and of the company / undertaking

1.1 Product Identifier

Product Name	S-7XTRA Concentrate
Synonyms	Not available
Other means of identification	S7XCON

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

Relevant identified uses	PC8: Biocidal products (e.g. Disinfectants, pest control).
Main use category	Consumer use, professional use, industrial use.

1.3 Details for the supplier of the safety data sheet

Registered company name	Steri-7 Pty Ltd
Address	Unit 20/8 Tilley Lane, Frenchs Forest NSW 2086
Telephone	(02) 8209 3846
Email	info@steri-7.com.au

1.4 Emergency telephone number

Association/organisation	Steri-7 Pty Ltd
Emergency telephone number	(02) 8209 3846 (office hours)
Other numbers	0412 355 456/ 0412 182 149



SECTION 2 Hazards Identification

2.1 Classification of the substance or mixture

HAZARDOUS CHEMICAL.DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Flammability	1	0 = Minimum
Toxicity	1	1 = Low
Body Contact	2	2 = Moderate
Reactivity	0	3 = High
Chronic	3	4 = Extreme
Poison Schedule	Not applicable	
Classification [1]	Eye Irritation Category 2A, Flammable Liquid Category 4, Skin Corrosion/Irritation Category 2	

2.2 Label elements

Hazard pictogram	  GHS07 GHS09
Signal word	Warning
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
P102	Keep out of reach of children.

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

P273	Avoid release to the environment.
P280	Wear 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.
P310	Immediately call Poison Centre/Doctor.
P321	Specific treatment (see advice on this label).

2.3 Hazard Statements

H227	Combustible liquid.
-------------	---------------------

Precautionary Statement(s) General

P101	If medical advice is needed, have product container or label at hand.
-------------	---

Precautionary Statement(s) Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3 Composition/information on ingredients

3.2 Mixtures

CAS Number	% [Weight]	Name
7173-51-5	1-10	didecyldimethylammonium chloride
8001-54-5	1-10	benzalkonium chloride
57028-96-3	1.10	polyhexamethylene guanidine hydrochloride
67-63-0	1-10	isopropanol
71-36-3	<1	n-butanol
108-21-4	<1	isopropyl acetate
67-64-1	<1	acetone
541-02-6	<1	decamethylcyclopentasiloxane
64-17-5	<1	ethanol
Legend	1. Classification by vendor; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. Classification drawn from C&L; * EU IOELVs available	

SECTION 4 First Aid Measures

4.1 First Aid Measures

Eye Contact	Rinse eyes cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.
Skin Contact	Wash skin with plenty of water. Take off contaminated clothing. If irritation occurs, seek medical attention.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Ingestion	Do NOT induce vomiting. Give water to rinse out mouth. Call a poison centre or a doctor if you feel unwell.

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

4.2 Most important symptoms and effects, both acute and delayed

Eye Contact	Eye irritation.
Skin Contact	Irritation.
Inhalation	May cause shortness of breath, tightness of the chest, a sore throat and cough.
Ingestion	May cause irritation to the digestive tract.

SECTION 5 Firefighting Measures

5.1 Extinguishing Media

Suitable extinguishing media	Water spray, dry powder, foam, carbon dioxide.
-------------------------------------	--

5.2 Special Hazards arising from the substance of mixture

Hazardous decomposition products in case of fire	Toxic fumes may be released.
---	------------------------------

5.2 Advice for firefighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Combustible	On combustion, may emit toxic fumes of carbon monoxide (CO).

SECTION 6 Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Ventilate spillage area. Avoid contact with skin and eyes.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment	Contain spillage.
Methods for cleaning up	Take up liquid spill into absorbent material.
Other information	Dispose of materials or solid residues at an authorised site.

6.4 Reference to other sections

See section 13.

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Safe handling	Ensure good ventilation of the workstation. Avoid contact with eyes. Wear personal protective equipment.
Hygiene measures	Wash contaminated clothing before reuse. Don not eat, drink or smoke when using this product. Always wash hands after handling the product. Do not allow clothing wet with material to stay in contact with skin.

7.2 Conditions of safe storage, including any incompatibilities

Storage conditions	Store in a well-ventilated place. Keep cool. Store away from incompatible materials and foodstuff containers.
Storage rules on packaging	Keep only in original container. Keep containers securely sealed.
Storage incompatibility	Alcohols Strong acids, chlorides, and oxidising agents. Should not be heated above 49 deg C. when in contact with aluminium equipment.

7.3 Specific end use

See directions on pack.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits (OEL)

Source	Ingredient	Material Name	TWA	STEL	Peak	Notes
Australia Exposure Standards	isopropanol	Isopropanol alcohol	400ppm / 983 mg/m3	1230 mg/m3 / 500ppm	Not available	Not available
Australia Exposure Standards	n-butanol	n-Butyl alcohol	Not available	Not available	50ppm / 152 mg/m3	Not available
Australia Exposure Standards	isopropyl acetate	Isopropyl acetate	250ppm / 1040 mg/m3	1290 mg/m3 / 310ppm	Not available	Not available
Australia Exposure Standards	acetone	Acetone	550ppm / 1185 mg/3m	2375 mg/m3 / 1000ppm	Not available	Not available
Australia Exposure Standards	ethanol	Ethyl alcohol	1000ppm / 1880 mg/m3	Not available	Not available	Not available

Emergency Limits

Ingredient	Material Name	TEEL-1	TEEL-2	TEEL-3
isopropanol	Isopropanol alcohol	440 ppm	2000 ppm	12000 ppm
n-butanol	Butyl alcohol, n-; (n-Butanol)	60 ppm	800 ppm	8000 ppm
isopropyl acetate	Isopropyl acetate	200 ppm	2700 ppm	16000 ppm
acetone	Acetone	Not Available	Not Available	Not available
decamethylcyclopentasiloxane	Decamethylcyclopentasiloxane	4.8 ppm	53 ppm	320 ppm
ethanol	Ethyl alcohol; (Ethanol)	Not available	Not available	15000 ppm

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

8.2 Exposure controls

Appropriate engineering controls	Ensure good ventilation of the workstation
Personal protection	Wash hands with mild soap before eating or drinking
Eye and face protection	Wear safety glasses.
Skin protection	Wear suitable protective clothing.
Hands/feet protection	Wear protective gloves.
Body protection	Wear suitable protective clothing.
Other Protection	Barrier cream.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid	Relative density (Water=1)	0.95-1.05
Odour	Characteristic	Partition coefficient n-octanol/water	Not available

Odour threshold	Not available	Auto-ignition temperature (°C)	Not available
pH (as supplied)	6.0-8.0	Decomposition temperature	Not available
Melting Point/ freezing point (°C)	0°C	Viscosity (cSt)	Not available
Boiling point (°C)	~100°C	Molecular weight (g/mol)	Not available
Flash point (°C)	60-93°C	Taste	Not available
Evaporation rate	Not available	Explosive properties	Not available
Flammability	Flammable	Oxidising properties	Not available
Upper explosive limit (%)	Not available	Surface tension (dyn/cm or mN/m)	Not available
Lower explosive limit (%)	Not available	Volatile component (%vol)	Not available
Vapour pressure (kPa)	Not available	Gas group	Not available
Solubility in water	Miscible	pH as a solution (1%)	Not available
Vapour density (Air=1)	Not available	VOC g/L	25

9.2 Other information

No other information available.

SECTION 10 Stability and reactivity

10.1 Reactivity

See section 7.

10.2 Chemical stability

Unstable in the presence of incompatible materials.

Product is considered stable.

Hazardous polymerisation will not occur.

10.3 Possibility of hazardous reactions

See section 7.

10.4 Conditions to avoid

See section 7.

S-7XTRA Concentrate

Steri-7 Pty Ltd

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

10.5 Incompatible materials

Oxidising agents. Strong acids.

10.6 Hazardous decomposition products

See section 5.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).
Ingestion	Accidental ingestion of the material may be damaging to the health of the individual. These include headache, muscle weakness, giddiness, confusion, delirium, and coma. Gastrointestinal effects may include nausea, vomiting and diarrhoea.
Skin contact	The material may accentuate any pre-existing dermatitis condition Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions, or abrasions.
Eye	Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.
Chronic	Long term or repeated ingestion exposure of isopropanol may produce incoordination, lethargy and reduced weight gain. Repeated inhalation exposure to isopropanol may produce narcosis, incoordination, and liver degeneration. Animal data show developmental effects only at exposure levels that produce toxic effects in the adult animals. Isopropanol does not cause genetic damage in bacterial or mammalian cell cultures or in animals.

	TOXICITY	IRRITATION
S-7XTRA Concentrate	Not Available	Not Available
isopropanol	Dermal (rat) LD50: =12800 mg/kg[2]	Eye (rabbit): 10 mg - moderate
	Inhalation (rat) LC50: 72.6 mg/l/4h[2]	Eye (rabbit): 100 mg - SEVERE
	Oral (rat) LD50: =4396 mg/kg[2]	Eye (rabbit): 100mg/24hr-moderate Skin (rabbit): 500 mg - mild
poly(hexamethylenebiguanide hydrochloride	Oral (rat) LD50: >2,000 mg/kg[2]	Skin (human): Irritant
	Dermal (rabbit) LD50: 3400 mg/kg[2]	Eye (human): 50 ppm - irritant
	Inhalation (rat) LC50: 24 mg/l/4h[2]	Eye (rabbit): 1.6 mg-SEVERE
n-butanol	Oral (rat) LD50: 790 mg/kg[2]	Eye (rabbit): 24 mg/24h-SEVERE
		Eye: adverse effect observed (irreversible damage) [1]
		Skin (rabbit): 405 mg/24h-moderate Skin: adverse effect observed (irritating)[1]
isopropyl acetate	Dermal (rabbit) LD50: >17360 mg/kg[2]	Eye (human): 200 ppm/15m
	Inhalation (rat) LC50: 101.2 mg/l/8hm[2]	Eye (rabbit): 500 mg open
	Oral (rat) LD50: =6750 mg/kg[2]	Eye (rabbit): 500 mg/24h – mild Eye: no adverse effect observed (not irritating)[1] Skin (rabbit): 500 mg/24h – mild Skin: no adverse effect observed (not irritating)[1]
acetone	Dermal (rabbit) LD50: =20 mg/kg[2]	Eye (human): 500 ppm – irritant
	Inhalation (rat) LC50: 100.2 mg/l/8hr[2]	Eye (rabbit): 20mg/24hr -moderate
	Oral (rat) LD50: 1800-7300 mg/kg[2]	Eye (rabbit): 3.95 mg – SEVERE Eye: adverse effect observed (irritating)[1] Skin (rabbit): 500 mg/24hr – mild Skin (rabbit):395mg (open) – mild Skin: no adverse effect observed (not irritating)[1]
decamethylcyclopentasiloxane	Dermal (rabbit) LD50: >15248 mg/kg[2]	Eye (rabbit): 500 mg/24h – mild
	Inhalation (rat) LC50: 8.67 mg/l/4h[2]	Eye: no adverse effect observed (not irritating)[1]
	Oral (rat) LD50: >5000 mg/kg[1]	Skin (rabbit): 500 mg/24h – mild Skin: adverse effect observed (irritating)[1] Skin: no adverse effect observed (not irritating)[1]

S-7XTRA Concentrate

Steri-7 Pty Ltd

Issue Date: 16/03/2022
 Print Date: 16/03/2022
 L.GHS.AUS.EN

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

	TOXICITY	IRRITATION
ethanol	Inhalation (rat) LC50: 124.7 mg/l/4H[2]	Eye (rabbit): 500 mg SEVERE
	Oral (rat) LD50: =1501 mg/kg[2]	Eye (rabbit):100mg/24hr-moderate
		Eye: adverse effect observed (irritating)[1]
		Skin (rabbit):20 mg/24hr-moderate
		Skin (rabbit):400 mg (open)-mild
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances	

Acute Toxicity	×	Carcinogenicity	×
Skin Corrosion	✓	Reproductivity	×
Serious Eye Damage/Irritation	✓	STOT – Single Exposure	×
Respiratory or Skin sensitisation	×	STOT – Repeated Exposure	×
Mutagenicity	×	Aspiration Hazard	×
Legend	× – Data either not available or does not fill the criteria for classification ✓ – Data available to make classification		

SECTION 12 Ecological information

12.1 Toxicity

	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
S-7XTRA Concentrate	Not Available	Not Available	Not Available	Not Available	Not Available
isopropanol	LC50	96	Fish	9-640mg/L	2
	EC50	48	Crustacea	12500mg/L	5
	EC50	96	Algae or other aquatic plants	993.232mg/L	3
	EC0	24	Crustacea	5-102mg/L	2
	NOEC	5760	Fish	0.02mg/L	4
poly(hexamethylenbiguanide hydrochloride)	LC50	96	Fish	0.02545mg/L	4
	EC50	48	Crustacea	0.18mg/L	4
n-butanol	LC50	96	Fish	1-376mg/L	2
	EC50	48	Crustacea	1-328mg/L	2
	EC50	96	Algae or other aquatic plants	225mg/L	2
	BCF	24	Fish	921mg/L	4
	EC0	48	Crustacea	1-260mg/L	2
	NOEC	504	Crustacea	4.1mg/L	2
isopropyl acetate	LC50	96	Fish	37.529mg/L	3
	EC50	48	Crustacea	110mg/L	2
	EC50	96	Algae or other aquatic plants	2.910mg/L	3
	NOEC	72	Algae or other aquatic plants	95mg/L	2
acetone	LC50	96	Fish	5-540mg/L	2
	EC50	48	Crustacea	>100mg/L	4
	EC50	96	Algae or other aquatic plants	20.565mg/L	4
	NOEC	240	Crustacea	1-866mg/L	2

S-7XTRA Concentrate

Steri-7 Pty Ltd

Issue Date: 16/03/2022
 Print Date: 16/03/2022
 L.GHS.AUS.EN

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
decamethylcyclopentasiloxane	LC50	96	Fish	>0.016mg/L	2
	EC50	48	Crustacea	>0.0029mg/L	2
	EC50	96	Algae or other aquatic plants	>0.012mg/L	2
	NOEC	48	Crustacea	>=0.0029mg/L	2
ethanol	LC50	96	Fish	11-mg/L	2
	EC50	48	Crustacea	2mg/L	4
	EC50	96	Algae or other aquatic plants	17.921mg/L	4
	NOEC	2016	Crustacea	0.000375mg/L	4

Legend: Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Product classified as "Harmful to aquatic life with long lasting effects". Do not discharge in waterways.

12.2 Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
isopropanol	LOW (Half-life = 14 days)	Low (Half-life = 3 days)
n-butanol	LOW (Half-life = 54 days)	Low (Half-life = 3.65 days)
isopropyl acetate	LOW	Low
acetone	LOW (Half-life = 14 days)	MEDIUM (Half-life = 116.25 days)
decamethylcyclopentasiloxane	HIGH	HIGH
ethanol	LOW (Half-life = 2.17 days)	LOW (Half-life = 5.08 days)

12.3 Bioaccumulative potential

Ingredient	Bioaccumulation
isopropanol	LOW (LogKOW = 0.05)
n-butanol	LOW (BCF = 0.64)
isopropyl acetate	LOW (BCF = 1.8)
acetone	LOW (BCF = 0.69)
decamethylcyclopentasiloxane	HIGH (LogKOW = 5.2)
ethanol	LOW (LogKOW = 0.31)

12.4 Mobility in soil

Ingredient	Bioaccumulation
isopropanol	HIGH (KOC = 1.06)
n-butanol	MEDIUM (KOC = 2.443)
isopropyl acetate	LOW (KOC = 9.479)
acetone	HIGH (KOC = 1.981)
decamethylcyclopentasiloxane	LOW (KOC = 145200)
ethanol	HIGH (KOC = 1)

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No additional information available.

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN


SECTION 13 Disposal considerations

13.1 Waste treatment methods

Regional legislation (waste)	Disposal must be done according to official regulations
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Additional information	Do no re-use empty containers
Ecology – waste materials	Do NOT allow wash water from cleaning or process equipment to enter drains.
HP Code	HP14 – "Exotoxic." Waste which presents or may present immediate or delayed risks for one or more sectors of the environment.

SECTION 14 Transport information

Labels Required

	
Marine Pollutant	NO
HAZCHEM	.3Z

Land transport (ADG):

UN Number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport Hazard class(es)	Class: 9 Subrisk: Not applicable
Packing Group	III
Environmental Hazard	Not applicable
Special precautions for user	Special provisions 274 331 335 375 AU01 Limited quantity 5L

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in;

- (a) packagings;
- (b) IBCs; or
- (c) any other receptacle not exceeding 500 kg(L).

- Australian Special Provisions (SP AU01) - ADG Code 7th Ed.

Air transport (ICAO-IATA / DGR):

UN Number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.*
Transport Hazard class(es)	ICAO/IATA Class: 9 ICAO / IATA Subrisk: Not applicable ERG Code 9L

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: **S7XCON**

Version No: **1.3**

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: **16/03/2022**

Print Date: **16/03/2022**

L.GHS.AUS.EN

Packing Group	III	
Environmental Hazard	Not applicable	
Special precautions for user	Special provisions	A97 A158 A197
	Cargo Only Packing Instructions	964
	Cargo Only Maximum Qty / Pack	450 L
	Passenger and Cargo Packing Instructions	964
	Passenger and Cargo Maximum Qty / Pack	450 L
	Passenger and Cargo Limited Quantity Packing Instructions	Y964
	Passenger and Cargo Limited Maximum Qty / Pack	30 Kg G

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	3082	
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.*	
Transport Hazard class(es)	Class:	9
	Subrisk:	Not applicable
Packing Group	III	
Environmental Hazard	Not applicable	
Special precautions for user	EMS Number	F-A , S-F
	Special provisions	274 335 969
	Limited Quantities	5 L

Transport in bulk according to Annex II of MARPOL and the IBC code – Not applicable

SECTION 15 Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

ISOPROPANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List	IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures
Australia Exposure Standards	containing at least 99% by weight of components already assessed by IMO
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals	IMO Provisional Categorization of Liquid Substances - List 3: (Trade-named) mixtures
Australia Inventory of Chemical Substances (AICS)	containing at least 99% by weight of components already assessed by IMO, presenting
GESAMP/EHS Composite List - GESAMP Hazard Profiles	safety hazards
IMO IBC Code Chapter 17: Summary of minimum requirements	International Agency for Research on Cancer (IARC) - Agents Classified by the IARC
IMO IBC Code Chapter 18: List of products to which the Code does not apply	Monographs
	International Air Transport Association (IATA) Dangerous Goods Regulations International Maritime Dangerous Goods Requirements (IMDG Code)
	United Nations Recommendations on the Transport of Dangerous Goods Model Regulations

S-7XTRA Concentrate

Steri-7 Pty Ltd

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

POLY(HEXAMETHYLENEBIGUANIDE HYDROCHLORIDE) IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List	Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6
Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	International Air Transport Association (IATA) Dangerous Goods Regulations
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals	International Maritime Dangerous Goods Requirements (IMDG Code)
Australia Inventory of Chemical Substances (AICS)	United Nations Recommendations on the Transport of Dangerous Goods Model regulations.
N-BUTANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List	IMO IBC Code Chapter 17: Summary of minimum requirements
Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	IMO IBC Code Chapter 18: List of products to which the Code does not apply
Australia Exposure Standards	IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals	IMO Provisional Categorization of Liquid Substances - List 1: Pure or technically pure products
Australia Inventory of Chemical Substances (AICS)	International Air Transport Association (IATA) Dangerous Goods Regulations
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5	International Maritime Dangerous Goods Requirements (IMDG Code)
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6	United Nations Recommendations on the Transport of Dangerous Goods Model Regulations
GESAMP/EHS Composite List - GESAMP Hazard Profiles	
ISOPROPYL ACETATE IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List	IMO IBC Code Chapter 17: Summary of minimum requirements
Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	IMO MARPOL (Annex II) - List of Noxious Liquid Substances Carried in Bulk
Australia Exposure Standards	IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals	International Air Transport Association (IATA) Dangerous Goods Regulations
Australia Inventory of Chemical Substances (AICS)	International Maritime Dangerous Goods Requirements (IMDG Code)
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Appendix B (Part 3)	United Nations Recommendations on the Transport of Dangerous Goods Model Regulations
GESAMP/EHS Composite List - GESAMP Hazard Profiles	
ACETONE IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List	IMO IBC Code Chapter 17: Summary of minimum requirements
Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	IMO IBC Code Chapter 18: List of products to which the Code does not apply
Australia Exposure Standards	IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals	International Air Transport Association (IATA) Dangerous Goods Regulations
Australia Inventory of Chemical Substances (AICS)	International Maritime Dangerous Goods Requirements (IMDG Code)
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5	United Nations Recommendations on the Transport of Dangerous Goods Model Regulations
GESAMP/EHS Composite List - GESAMP Hazard Profiles	
DECAMETHYLCYCLOPENTASILOXANE IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Inventory of Chemical Substances (AICS)	

S-7XTRA Concentrate

Steri-7 Pty Ltd

Issue Date: 16/03/2022

Print Date: 16/03/2022

L.GHS.AUS.EN

Part Number: S7XCON

Version No: 1.3

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

ETHANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List	IMO IBC Code Chapter 18: List of products to which the Code does not apply
Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
Australia Exposure Standards	IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals	IMO Provisional Categorization of Liquid Substances - List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards
Australia Inventory of Chemical Substances (AICS)	International Air Transport Association (IATA) Dangerous Goods Regulations
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Appendix B (Part 3)	International Maritime Dangerous Goods Requirements (IMDG Code)
GESAMP/EHS Composite List - GESAMP Hazard Profiles	United Nations Recommendations on the Transport of Dangerous Goods Model Regulations
IMO IBC Code Chapter 17: Summary of minimum requirements	

Safety Inventory Status

Australia – AICS	Yes
Canada – DSL	Yes
Canada – NDSL	No (n-butanol; decamethylcyclopentasiloxane; poly(hexamethylenebiguanide hydrochloride); acetone; ethanol; isopropyl acetate; isopropanol)
China – IECSC	Yes
Europe – EINEC / ELINS / NLP	No (poly(hexamethylenebiguanide hydrochloride))
Japan – ENCS	Yes
Korea – KECI	Yes
New Zealand – NZIoC	Yes
Philippines – PICCS	Yes
USA – TSCA	Yes
Taiwan – TCSI	Yes
Mexico – INSQ	Yes
Vietnam – NCI	Yes
Russia – ARIPS	Yes
Legend	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)

SECTION 16 Other information

Revisions – Currently in 3rd revision.

Definitions and abbreviations

PC – TWA: Permissible Concentration-Time Weighted Average	PC – STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer	ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit	TEEL: Temporary Emergency Exposure Limit
IDLH: Immediately Dangerous to Life or Health Concentrations	OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level	LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value	LOD: Limit Of Detection

S-7XTRA Concentrate

Steri-7 Pty Ltd

Part Number: **S7XCON**

Version No: **1.3**

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: **16/03/2022**

Print Date: **16/03/2022**

L.GHS.AUS.EN

Definitions and abbreviations cont....

OTV: Odour Threshold Value	BCF: BioConcentration Factors
BEI: Biological Exposure Index	

Revisions – Currently in third revision.

Classification of the preparation and its individual components has been drawn on from official and authoritative sources.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.