

# S-7XTRA FRESH Concentrate

## Steri-7 Pty Ltd

Issue Date: **21/03/2022**  
Print Date: **21/03/2022**  
L.GHS.AUS.EN

Part Number: **S7XCONF**

Version No: **1.1**

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

<b>Product Name</b>	S-7XTRA FRESH Concentrate
<b>Synonyms</b>	Not available
<b>Other means of identification</b>	S7XCONF S-7XTRA Ginger & Green Tea

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

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

#### 1.3 Details for the supplier of the safety data sheet

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

#### 1.4 Emergency telephone number

<b>Association/organisation</b>	Steri-7 Pty Ltd
<b>Emergency telephone number</b>	(02) 8209 3846 (office hours)
<b>Other numbers</b>	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.

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

#### 2.2 Label elements

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

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<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective clothing, eye protection, face protection.
<b>P302+P352</b>	IF ON SKIN: Wash with plenty of water
<b>P305+P351+P338</b>	IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P310</b>	Immediately call Poison Centre/Doctor.
<b>P321</b>	Specific treatment (see advice on this label).

### 2.3 Hazard Statements

<b>H227</b>	Combustible liquid.
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### Precautionary Statement(s) General

<b>P101</b>	If medical advice is needed, have product container or label at hand.
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### Precautionary Statement(s) Prevention

<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
<b>P280</b>	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	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
	<1	RCD-3954 Ginger and Green Tea fragrance
<b>Legend</b>	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

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Wash skin with plenty of water. Take off contaminated clothing. If irritation occurs, seek medical attention.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Ingestion</b>	Do NOT induce vomiting. Give water to rinse out mouth. Call a poison centre or a doctor if you feel unwell.

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### 4.2 Most important symptoms and effects, both acute and delayed

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

## SECTION 5 Firefighting Measures

### 5.1 Extinguishing Media

<b>Suitable extinguishing media</b>	Water spray, dry powder, foam, carbon dioxide.
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### 5.2 Special Hazards arising from the substance of mixture

<b>Hazardous decomposition products in case of fire</b>	Toxic fumes may be released.
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### 5.2 Advice for firefighters

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

## SECTION 6 Accidental Release Measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

<b>Protective equipment</b>	Wear recommended personal protective equipment.
<b>Emergency procedures</b>	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

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

### 6.4 Reference to other sections

See section 13.

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### SECTION 7 Handling and storage

#### 7.1 Precautions for safe handling

<b>Safe handling</b>	Ensure good ventilation of the workstation. Avoid contact with eyes. Wear personal protective equipment.
<b>Hygiene measures</b>	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

<b>Storage conditions</b>	Store in a well-ventilated place. Keep cool. Store away from incompatible materials and foodstuff containers.
<b>Storage rules on packaging</b>	Keep only in original container. Keep containers securely sealed.
<b>Storage incompatibility</b>	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
Australia Exposure Standards	Ginger & Green Tea	RCD-3954	Not available	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

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### 8.2 Exposure controls

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

## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

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

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

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### 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

<b>Inhaled</b>	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).
<b>Ingestion</b>	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.
<b>Skin contact</b>	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.
<b>Eye</b>	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.
<b>Chronic</b>	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
<b>S-7XTRA Concentrate</b>	Not Available	Not Available
<b>isopropanol</b>	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
<b>poly(hexamethylenbiguanide hydrochloride</b>	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
<b>n-butanol</b>	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]
<b>isopropyl acetate</b>	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]
<b>acetone</b>	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]
<b>decamethylcyclopentasiloxane</b>	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]

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	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
<b>Legend:</b>	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	

<b>Acute Toxicity</b>	x	<b>Carcinogenicity</b>	x
<b>Skin Corrosion</b>	✓	<b>Reproductivity</b>	x
<b>Serious Eye Damage/Irritation</b>	✓	<b>STOT – Single Exposure</b>	x
<b>Respiratory or Skin sensitisation</b>	x	<b>STOT – Repeated Exposure</b>	x
<b>Mutagenicity</b>	x	<b>Aspiration Hazard</b>	x
<b>Legend</b>	x – 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
<b>S-7XTRA Concentrate</b>	Not Available	Not Available	Not Available	Not Available	Not Available
<b>isopropanol</b>	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
<b>poly(hexamethylenbiguanide hydrochloride)</b>	LC50	96	Fish	0.02545mg/L	4
	EC50	48	Crustacea	0.18mg/L	4
<b>n-butanol</b>	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
<b>isopropyl acetate</b>	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
<b>acetone</b>	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

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	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
decamethylcyclpentasiloxane	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)
decamethylcyclpentasiloxane	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)
decamethylcyclpentasiloxane	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)
decamethylcyclpentasiloxane	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.



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### SECTION 13 Disposal considerations

#### 13.1 Waste treatment methods

<b>Regional legislation (waste)</b>	Disposal must be done according to official regulations
<b>Waste treatment methods</b>	Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>Product/packaging disposal recommendations</b>	Dispose in a safe manner in accordance with local/national regulations.
<b>Additional information</b>	Do no re-use empty containers
<b>Ecology – waste materials</b>	Do NOT allow wash water from cleaning or process equipment to enter drains.
<b>HP Code</b>	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

	
<b>Marine Pollutant</b>	NO
<b>HAZCHEM</b>	.3Z

#### Land transport (ADG):

<b>UN Number</b>	3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Transport Hazard class(es)</b>	Class: 9 Subrisk: Not applicable
<b>Packing Group</b>	III
<b>Environmental Hazard</b>	Not applicable
<b>Special precautions for user</b>	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):

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

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<b>Packing Group</b>	III	
<b>Environmental Hazard</b>	Not applicable	
<b>Special precautions for user</b>	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

<b>UN Number</b>	3082	
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.*	
<b>Transport Hazard class(es)</b>	Class:	9
	Subrisk:	Not applicable
<b>Packing Group</b>	III	
<b>Environmental Hazard</b>	Not applicable	
<b>Special precautions for user</b>	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 FRESH Concentrate

## Steri-7 Pty Ltd

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

<b>POLY(HEXAMETHYLENEBIGUANIDE HYDROCHLORIDE) IS FOUND ON THE FOLLOWING REGULATORY LISTS</b>	
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.
<b>N-BUTANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS</b>	
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	
<b>ISOPROPYL ACETATE IS FOUND ON THE FOLLOWING REGULATORY LISTS</b>	
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	
<b>ACETONE IS FOUND ON THE FOLLOWING REGULATORY LISTS</b>	
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	
<b>DECAMETHYLCYCLOPENTASILOXANE IS FOUND ON THE FOLLOWING REGULATORY LISTS</b>	
Australia Inventory of Chemical Substances (AICS)	

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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

<b>Australia – AICS</b>	Yes
<b>Canada – DSL</b>	Yes
<b>Canada – NDSL</b>	No (n-butanol; decamethylcyclopentasiloxane; poly(hexamethylenebiguanide hydrochloride); acetone; ethanol; isopropyl acetate; isopropanol)
<b>China – IECSC</b>	Yes
<b>Europe – EINEC / ELINS / NLP</b>	No (poly(hexamethylenebiguanide hydrochloride))
<b>Japan – ENCS</b>	Yes
<b>Korea – KECI</b>	Yes
<b>New Zealand – NZIoC</b>	Yes
<b>Philippines – PICCS</b>	Yes
<b>USA – TSCA</b>	Yes
<b>Taiwan – TCSI</b>	Yes
<b>Mexico – INSQ</b>	Yes
<b>Vietnam – NCI</b>	Yes
<b>Russia – ARIPS</b>	Yes
<b>Legend</b>	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

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### Definitions and abbreviations cont....

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

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.