



MATERIAL SAFETY DATA SHEET

Steroplast – Sterosan 50ml & 500ml Hand Sanitiser

According to Regulation (EU) No 453/2010

Issue Date: 21st February 2020

Version Number: 2

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

1.1 Product Identifier

Product Name Sterosan – Hand Gel Sanitiser 50ml & 500ml

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

Identified Use For hand disinfection only (Professional use).

1.3 Details of the supplier of the safety data sheet

Supplier Steroplast Healthcare Limited
Unit 2, Alpha Point
Bradnor Road
Manchester
M22 4TE
United Kingdom
Tel: +44 (0) 161 902 3030
Email: sales@steroplast.co.uk

1.4 Emergency telephone number

Tel: +44 (0) 161 902 3031

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Flam.Liq. 3: H226

For the full text of H – Statements mentioned in this section, see Section 16

Classification according to EU Directives 67/548/EEC or 1999/45/EC

R10 Flammable

For the full text of R – Statements mentioned in this section, see Section 16

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2.2 Label elements

Signal words: Warning

Hazard Pictograms: Flam. Liq. 3: H226 – Flammable liquid and vapour

Precautionary statements: Prevention:

P102 – Keep out of reach of children

P103 – Read label before use

P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P233 – Keep container tightly closed

P240 – Ground/bond container and receiving equipment

P241 – Use explosion-proof electrical/ventilation/lighting/equipment

P242 – Use only non-sparking tools

P243 – Take precautionary measures against static discharge

P280 – Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements – Response:

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

P301+p312 – IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P370+378 – In case of fire; use alcohol resistant foam, Carbon dioxide (CO₂), use extinguishing media appropriate to the surrounding fire conditions

Precautionary statements – Storage:

P403+P235 – Store in a well ventilated place. Keep cool

Precautionary statements – Disposal:

P501 – Dispose of contents/container to a licensed waste disposal company in compliance with local and national regulations

Supplement label information

RCH002b For professional users only

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2.3 Other hazards

This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Classification according to 67/548/EEC/1999/45/EC

Ethanol

Index Number: 603-002-00-5 CAS No: 64-17-5

EC No: 200-578-6 Conc (%w/v) 60-70% Classification: F:R11

Propane-1, 2-diol (Propane-1,2-diol total vapour and particulates)

CAS No: 57-55-6 EC No: 200-338-2 Conc (%w/v) 1-10%

Glycerol (Glycerol mist)

CAS No: 56-81-5 EC No: 200-289-5 Conc (%w/v) 0-0.5%

2-Methylpropan-2-ol

Index Number: 603-005-00-1 CAS No: 75-65-0

EC No: 200-889-7 Conc (%w/v) 0-0.35% Classification: F:R11, Xn, R20, Xi; R36-37

Classification according to EC1272/2008

Ethanol

Index Number: 603-002-00-5 CAS No: 64-17-5

EC No: 200-578-6 Conc (%w/v) 60-70% Classification: Flam.Liq. 2:H225

Propane-1, 2-diol (Propane-1,2-diol total vapour and particulates)

CAS No: 57-55-6 EC No: 200-338-2 Conc (%w/v) 1-10%

Glycerol (Glycerol mist)

CAS No: 56-81-5 EC No: 200-289-5 Conc (%w/v) 0-0.5%

2-Methylpropan-2-ol

Index Number: 603-005-00-1 CAS No: 75-65-0

EC No: 200-889-7 Conc (%w/v) 0-0.35% Classification: Flam.Liq 2: H225;Acute Tox.4 H332; Eye Irrit. 2; H319; STOT SE 3. H335

The full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Considered not to be hazardous by inhalation. Seek medical attention if irritation or symptoms persist

Skin

No irritation expected. Seek medical attention if irritation of symptom persists

Eye

Rinse immediately with plenty of water for at least 15 minutes holding the eyelids open. Remove contact lenses if worn and easy to do so. Seek medical attention if irritation or symptoms persist

Ingestion

Wash out mouth with water. Do not induce vomiting. Seek medical attention if irritation or symptoms persist

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation to eyes, otherwise no specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

In case of fire; use alcohol resistant foam, Carbon dioxide (CO₂), use extinguishing media appropriate to the surrounding fire conditions

5.2 Special hazards arising from the substance or mixture

Vapour may travel considerable distance to source of ignition and flash back

5.3 Advice for fire fighters

Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing, to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery

6.2 Environmental precautions

Do not discharge into drains or rivers. Advise local authorities if large spills cannot be contained. Do not flush into surface water.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spill area thoroughly with plenty of water. Use non-sparking tools and equipment where applicable

6.4 Reference to other sections

For personal protection see section 8. For waste disposal see Section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Vapour may travel considerable distance to source of ignition and flash back. Keep container tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Wear protective gloves/protective clothing/eye protection/face protection. Remove contaminated clothing and protective equipment before entering eating areas. Do not eat, drink or smoke in areas where this product is used or stored. Adopt best manual handling considerations when handling, carrying and dispensing

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well ventilated area. Keep container tightly closed. Must only be kept in original packaging. Keep out of Reach of children. DO NOT allow to freeze.

7.3 Specific end use

As indicated in section 1.2 – Restricted to professional users

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

8.1.1 Exposure Limit Values

2-Methylpropan-2-ol	WEL 8-hr limit ppm:100	WEL 8-hr limit mg/m3: 308
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m3: 462
Ethanol	WEL 8-hr limit ppm:1000	WEL 8-hr limit mg/m3: 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Glycerol (Glycerol mist)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Propane-1,2-diol	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
(diol & particulates)	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
2-Methylpropan-2-ol	WEL 8-hr limit ppm:150	WEL 8-hr limit mg/m3: 474
(total vapour & particulates)		
WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -	

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8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area

Respiratory protection: Self-contained breathing apparatus must be available in case of

Hand Protection: Protective gloves

Eye Protection: Tightly fitting safety goggles. Provide eye wash station

Skin Protection: Protective clothing, goggles, gloves & face protection

Environmental: Refer to specific member state legislation for requirements under community environment legislation. An environment assessment must be made to ensure compliance with local environmental legislation.

Prevent from entering in public sewers or the immediate environment

Do not empty into drains

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid / Colourless
Odour	Alcoholic
pH	7.5 - 8
Oxidising	Not determined
Solubility in water	Soluble
Melting/freezing point	Not determined
Flash Point °C	25

9.2 Other information

Not available

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SECTION 10: Stability and reactivity

10.1 Reactivity

Not Available

10.2 Chemical stability

Stable under recommended storage and handling conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage Conditions. Strong acids and strong bases. Strong oxidising agents.

10.4 Conditions to avoid

Heat, sparks and open flames. Do not allow to freeze

10.5 Incompatible materials

Avoid contact with strong oxidising agents. Strong acids and strong bases

10.6 Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes

SECTION 11: Toxicological information

11.1 Information of toxicological effects

Acute toxicity – Based on available data classification criteria are not met

Skin corrosion / irritation - Based on available data classification criteria are not met

Respiratory or skin sensitisation - Based on available data classification criteria are not met

Germ Cell Mutagenicity – No mutagenic effects reported

Carcinogenicity – No carcinogenic effects reported

Reproductive toxicology – No teratogenic effects

STOT – single exposure - Not classified as a specific target organ toxicant after a single exposure

STOT – repeated exposure - Not classified as a specific target organ toxicant after a repeated exposure

Aspiration hazard – Based on available data the classification criteria are not met

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11.2 Toxicological Information

No Data available

SECTION 12: Ecological information

Hazardous ingredients:

12.1 Toxicity

No data available

12.2 Persistence and degradability

The surfactant contained in this preparation comply with the biodegradability criteria as laid down in the Regulation (EC) NO. 648/2004 on detergents

12.3 Bioaccumulative potential

No information available

12.4 Mobility soil

The product is soluble in water

12.5 Results of PBT and vPVP assessment

This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

Harmful to aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal with the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

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SECTION 14: Transport information

14.1 UN number UN1993

14.2 UN proper shipping name: FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es)	ADR/RID:	3
	Subsidiary risk	-
	IMDG:	3
	Subsidiary risk	-
	IATA:	3
	Subsidiary risk	-

14.4 Packing group	III
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14.5 Environmental hazards	No
Marine Pollutant	No

14.6 Special precautions for user	Not Applicable
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14.7 Transport in bulk according to Annex of MARPOL 73.78 and the IBC Code
Not Applicable

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SECTION 15: Regulatory information

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

Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implantation on Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restricted of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

15.2 Chemical safety assessment

Not Applicable

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SECTION 16: Other information

Revisions

Currently in first version

Phrases used in s.2 and s.3:

R11	Highly Flammable
R20	Harmful by inhalation
R36/37	Irritating to eyes and respiratory system

Flam. Liq 2: H225 – Highly flammable liquid and vapour

Eye Irrit. 2: H319 – Causes serious eye irritation

Acute Tox. 4: H332 – Harmful if inhaled

STOT SE 3: H335 – may cause respiratory irritation

Shelf Life

3 Years from date of Manufacture

Disclaimer: This information summarises our best knowledge of the health and safety Hazard information of the product and how to safely handle and use the product. Each user should read this data sheet and consider the information in the context of how the product will be handled and used including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Steroplast Healthcare Limited.

We assume no legal responsibility for the use or reliance upon this information.