



MATERIAL SAFETY DATA SHEET

Steroclenz Foam / Liquid 50ml & 500ml

According to Regulation (EU) No 453/2010

Issue Date: 26th July 2018

Version Number: 1

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

1.1 Product Identifier

Product Name Steroclenz Liquid / Foam

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

Identified Use Use for professional and industrial cleaning and disinfection purposes only. Not for domestic use. Not to be used on medical equipment

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

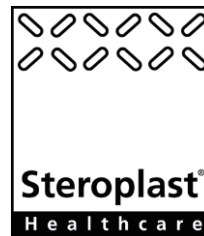
Tel: +44 (0) 161 902 3031

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 1999/45/EEC Aquatic Chronic 3: H412: Eye Damage 1: H318: Skin Irritation 2: H315:-: EUH208

Human Health Contains polymeric biguanide hydrochloride. May produce an allergic reaction. Causes skin irritation. Causes serious eye Damage. Harmful to aquatic life with long lasting effects.



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2.2 Label elements

Hazard statements: EUH208: Contains polymeric biguanide hydrochloride.
May produce an allergic reaction.

H315: Causes skin irritation

H318: Causes serious eye damage

H412: Harmful to aquatic life with long lasting effects

Signal words: Danger

Hazard Pictograms: GHS05: Corrosion

GHS07: Exclamation mark

Precautionary statements:

P264: Wash hands thoroughly after handling

P273: Avoid release to the environment

P280: Wear protective gloves/eye protection

P302+352: IF ON SKIN: Wash with plenty of water/soap & water.

P305+351+338: 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 instructions on this label)

P310: Immediately call a POISEN CENTRE / Doctor

P332+313: If skin irritation occurs: Get medical advice/attention

P501: Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.1 Substances



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3.2 Mixtures

Hazardous Ingredients:

Didecyldimethylammonium Chloride

EINECS: 230-525-2 CAS:7173-51-5

CLP Classification: Acute Tox. 4: H302;Skin Corr. 1B: H314 Percent: 1-5%

Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides

EINECS: 264-151-6 CAS: 68424-85-1

CLP Classification: Acute Tox: 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314;Aquatic Acute 1: H400 Percent: 1-5%

Coconut Monoethanolamide

CAS: 61791-08-0 CLP Classification: Eye Dam. 1: H318 Percent: <1%

C12-C14 Alkyl Dimethylamine Oxide –

REACH registered number(s): 01-2119490061-47-0000

EINECS: 931-292-6 CAS: 308062-28-4

CLP Classification: Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1:H400
Aquatic Acute 2: H411 Percent: <1%

POLYMERIC Biguanide Hydrochloride

CAS: 27083-27-8 CLP Classification: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Carc.2: H351; STOT RE 1: H372; Acute Tox.4:H332; Eye Dam. 1: H318; Skin Sens. 1B: H317 Percent: <1%

Non-classified ingredients:

Water

CAS: 7732-18-5 Percent: >80%



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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.

Skin

Remove all contaminated clothes and footwear immediately unless stuck in skin. Wash immediately with plenty of soap and water.

Eye

Bathe the eye with running water for 15 minutes. Transfer to hospital for Specialist examination

Ingestion

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

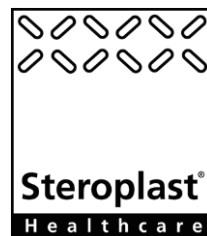
Eye: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Skin: There may be irritation and redness at the site of contact.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Delayed / immediate effects: Immediate effects can be expected after short term exposure.



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4.3 Indication of any immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises
Seek Medical Attention

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguisher media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

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

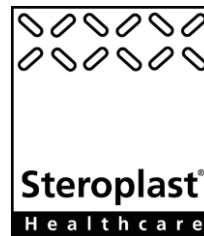
Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method



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6.4 Reference to other sections

Refer to section 8 of SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air

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

7.3 Specific end use

PC8: Biocidal products (e.g. Disinfectants, pest control). PC35: Washing and cleaning products (including solvent based products)

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

EU Limit	None
UK Limit	None

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. Ensure eye bath is to hand

Skin Protection: Protective clothing

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. Ensure all engineering measures mentioned in section 7 of SDS are in place. Prevent from entering in public sewers or the immediate environment

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Clear Liquid
Odour	Barely perceptible odour
Evaporation rate	Moderate
Oxidising	Non-oxidising (by EC criteria)
Solubility in water	Soluble
Viscosity	Non-viscous
Kinematic viscosity	<10
Melting/freezing point	Ca. 0°C
Boiling Point °C	100
Flash Point °C	>93

9.2 Other information Not available

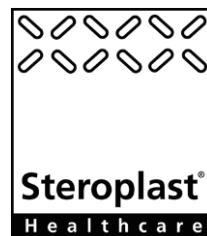
SECTION 10: Stability and reactivity

10.1 Reactivity

Not Available

10.2 Chemical stability

Stable under recommended storage and handling conditions



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10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage Conditions. Decomposition may occur on exposure to conditions or materials listed below

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Avoid contact with strong oxidising agents. Strong acids

10.6 Hazardous decomposition products

In combustion emits toxic fumes

SECTION 11: Toxicological information

11.1 Information of toxicological effects

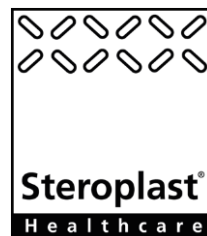
Hazardous ingredients

Didecyldimethylammonium Chloride

DERMAL	RAT	LD50	1300	mg/kg
DERMAL	RBT	LD50	3342	mg/kg
IPR	RAT	LD50	45	mg/kg
ORAL	RAT	LD50	238	mg/kg
ORL	MUS	LD50	268	mg/kg

Quaternary Ammonium Compounds, Benzl-C12-16-Alkyldimethyl, Chlorides

DERMAL	RAT	LD50	1560	mg/kg
IVN	MUS	LD50	16	mg/kg
ORAL	RAT	LD50	795	mg/kg
ORL	MUS	LD50	150	mg/kg



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C12-C14 Alkyl Dimethylamine Oxide

ORAL RAT LD50 1064 mg/kg

Polymeric Biguanide Hydrochloride

ORAL RAT LD50 >2000 mg/kg

Relevant Hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious Eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin Contact: There may be irritation and redness at the site of contact

Eye Contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest

Delayed / immediate effects: Immediate effects can be expected after short-term exposure

Other Information: Skin patch tested – no adverse reactions

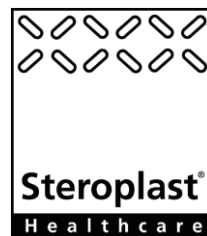
SECTION 12: Ecological information

Hazardous ingredients:

12.1 Toxicity

DIDECYLDIMETHYLAMMONIUM CHLORIDE

DAPHNIA	48H EC50	0.03	mg/l
DAPHNIA	CE50	0.011-0.099	mg/l
DAPHNIA	NOEC	0.011-0.099	mg/l
GREEN ALGA (Selenastrum capricornutum)	96H LC50	0.06	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.05	mg/l



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QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Daphnia magna	48H EC50	0.03	mg/l
GREEN ALGA (Selenastrum capricornutum)	96H EC50	0.06	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	1.7	mg/l

C12-C14 ALKYL DIMETHYLAMINE OXIDE

ALGAE	72H IC50	0.143	mg/l
ALGAE	NOEC	0.067	mg/l
Daphnia magna	48H EC50	3.1	mg/l
FISH	96H LC50	2.67	mg/l

POLYMERIC BIGUANICE HYDROCHLORIDE

Daphnia magna	48H EC50	0.1	mg/l
GREEN ALGA	72H ErC50	0.01	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.1	mg/l

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility soil

No information available

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



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company

Recovery operations: Not applicable

Waste code number: 06 13 01

Disposable of packaging: May be reused following contamination

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

SECTION 14: Transport information

Not Applicable

SECTION 15: Regulatory information

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

Not Applicable

15.2 Chemical safety assessment

Not Applicable

SECTION 16: Other information

Revisions

Currently in first version

Phrases used in s.2 and s.3:

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction

H302: Harmful if swallowed

H312: Harmful in contact with skin

H314: Causes severe skin burns and eye damage

H315: Causes skin irritation

H317: May cause an allergic skin reaction



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H318: Causes serious eye damage

H332: Harmful if inhaled

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H372: Causes damage to organs <or state all organs effected, if known>through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

H411: Toxic to aquatic life with long lasting effects

H412: Harmful to aquatic life with long lasting effects

Shelf Life

2 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.