

SAFETY DATA SHEET

STERIGENE

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Compilation date: 22/08/2014
Revision No: 4

Section 1 – Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier/name STERIGENE

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

1.3 Details of the supplier of the safety data sheet

Company name: Ethical Agents Ltd
54 Hobill Avenue
Wiri, Auckland 2104, New Zealand
Tel: +64 9 262 1388
Email: eage@xtra.co.nz
Website: www.ethicalagents.co.nz

1.4 Emergency contact: eage@xtra.co.nz

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2 Label elements under CHIP:

Safety phrases:

S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

S50: Do not mix with other chemicals.

2.3 Other hazards

PBT: This substance is not identified as a PBT substance

Cleaning Products (Subsidiary Hazard) Group Standard 2006 {HSNO Approval Number HSR 002530}. A copy of this group standard can be found on the EPA website at:

<http://www.epa.govt.nz/hazardoussubstances/approvals/group-standards/Pages/default.aspx>

Section 3: Composition/information on ingredients

Mixtures:

Hazardous ingredients:

C9-C11 ALCOHOL ETHOXYLATE (6)

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	68439-46-3	Xn: R22; Xi: R41	-	1-10%
PROPAN-2-OL				
200-661-7	67-63-0	F: R11; Xi: R36; -:R67	Flam.Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3 : H336	1-10%
DIDCYLDIMETHYLAMMONIUM CHLORIDE				
230-525-2	7173-51-5	Xn: R22; C: R34	Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
POLYMERIC BIGUANIDE HYDROCHLORIDE				
-	27083-27-8	Xi: R37/38; Sens.: R43; N: R50/53	-	1-10%
ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE				
270-325-2	68424-85-1	Xn: R21/22 ; C: R34 ; N: R50	-	1-10%

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Section 4: First Aid Measures

4.1 Description of first aid measures

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1 Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1: Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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

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

6.4: Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1: Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2: Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3: Specific end use(s): No data available.

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Section 8: Exposure controls/personal protection

8.1: Control parameters

Workplace exposure limits: Not applicable.

8.2: Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid.

Evaporation rate: As water.

Boiling point/range °C: 110

Relative density: Approx 1.000

pH: 4.5-6.5

9.2 Other information: Not available.

Section 10: Stability and reactivity

10.1 Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions

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

Materials to avoid: Strong oxidizing agents. Strong acids.

10.6 Hazardous decomposition products

Section 11: Toxicological Information

11.1 Information on toxicological effects

Toxicity values: Not applicable.

Symptoms/routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

Section 12: Ecological Information

12.1 Ecotoxicity values: Not applicable.

12.2 Persistence and degradability: Product is biodegradable under OECD Guideline No. 301B (1992).

12.3 Bioaccumulative potential: No known adverse effects from normal use.

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12.4 Mobility in soil: Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6 Other adverse effects

Section 13: Disposal Considerations

13.1 Waste treatment methods

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

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

Section 14: Transport Information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory Information

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

15.2 Chemical Safety Assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other Information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.

* Indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3:

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

R11; Highly flammable.

R21/22: Harmful in contact with skin and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50: Very toxic to aquatic organisms.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.