



HMG Coatings (South) Ltd
 Faraday Park
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 Andover
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 SP10 3SA
Tel: 01264 356296
Fax: 01264 338123

PRODUCT NAME

Steri-Guard Multi Purpose Sanitiser

Material Safety Datasheet

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

1.1. Product identifier

Product Name: Steri-Guard Multi Purpose Sanitiser

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

Description: Bactericidal hard surface cleaner.

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency telephone number

Emergency telephone number: England & Wales : NHS 111 - dial 111, Scotland : NHS 24 - dial 111
 Republic of Ireland : Beaumont Hospital, Beaumont Road, Dublin 9, ROI : dial +353 (0) 1 809 2566

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC: Xi; R36/38 Symbols: Xi: Irritant.

Main hazards: Irritating to eyes and skin.

2.1.2. Classification – EC 1272/2008: Skin Irrit. 2: H315; Eye Dam. 1: H318;

2.2. Label elements

Hazard pictograms:



Signal Word: **Danger**

Hazard Statement: Skin Irrit. 2: H315 - Causes skin irritation.
 Eye Dam. 1: H318 - Causes serious eye damage.



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Precautionary Statement: P264 - Wash with clean water thoroughly after handling.
Prevention: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

2.2. Label elements

Precautionary Statement: P302+P352 - IF ON SKIN: Wash with plenty of water/ .

Response 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 -If swallowed Immediately call a POISON CENTER/doctor/or if you feel unwell

P321 - Specific treatment (see on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

Other hazards: No data is available on this product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Amides,c8-c18(even numbered)andc18(unsatd			931-329-6		0.5 - 1%	Xi; R38-41 N; R51/53	
Quaternary ammonium compounds,benzyl-c8-18-alkydimethyl		68424-85-1	270-325-2		1 - 10%	C; R34 Xn; R21/22 N; R50	
tetrasodium ethylene diamine tetraacetate	607-428-00-2	64-02-8	200-573-9		1 - 10%	Xn; R22 Xi; R41	
C13-15 Alcohol ethoxylate 11eo		68131-39-5			1 - 10%	Xn; R22 Xi; R41	
C13-15 Alcohol ethoxylate 7eo		68131-39-5			1 - 10%	Xn; R22 Xi; R41 N; R50	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	C; R35	
Turpentine, oil (Turpentine)	650-002-00-6	8006-64-2	232-350-7		0 - 0.5%	R10 Xn; R20/21/22-65 Xi; R36/38 R43 N; R51/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quaternary ammonium compounds,benzyl-c8-18-alkydimethyl		68424-85-1	270-325-2		1 - 10%	Acute Tox. 4: H302+H312; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400;	
tetrasodium ethylene diamine tetraacetate	607-428-00-2	64-02-8	200-573-9		1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
C13-15 Alcohol ethoxylate 11eo		68131-39-5			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
C13-15 Alcohol ethoxylate 7eo		68131-39-5			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Acute 1: H400;	



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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air.

Eye contact

Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

Skin contact

Wash off immediately with plenty of soap and water. Remove contaminated clothing.

Ingestion

DO NOT INDUCE VOMITING.

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

Inhalation

Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

Eye contact

May cause irritation to eyes.

Skin contact

May cause irritation to skin.

Ingestion

Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation

If you feel unwell, seek medical advice (show the label where possible).

Eye contact

Seek medical attention.

Skin contact

Seek medical attention if irritation or symptoms persist.

Ingestion

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self contained breathing apparatus and protective clothing.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.
 See section 13. DISPOSAL CONSIDERATIONS for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.



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8.1.1. Exposure Limit Values

Sodium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 8-hr limit mg/m ³ : - WEL 15 min limit mg/m ³ : 2 WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:
Turpentine, oil (Turpentine)	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150 WEL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust: -	WEL 8-hr limit mg/m ³ : 566 WEL 15 min limit mg/m ³ : 850 WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust: -

DNEL: Derived no-effect level.

Exposure Pattern – Workers

Sodium hydroxide	Long-term - inhalation - Local effects 1 mg/m³
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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Not normally required.

8.2.2. Individual protection measures

Wear suitable gloves and eye/face protection.

Eye / face protection

Approved safety goggles.

Skin protection – Hand protection

Chemical resistant gloves (PVC).

Skin protection – Other

Wear suitable protective clothing.

Respiratory protection

Wear suitable respiratory equipment when necessary.

Occupational exposure controls

Keep away from food, drink and animal feeding stuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance – Liquid

Colour - Clear

Odour - Perfumes

Odour threshold No data available

Melting point No data available



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Freezing Point No data available
Flash point No data available
Evaporation rate No data available
Flammability (solid, gas) No data available
Vapour pressure No data available
Vapour density No data available
Fat Solubility No data available
Partition coefficient No data available
Autoignition temperature No data available
Viscosity No data available
Explosive properties No data available
Oxidising properties No data available
Initial boiling point > 100 °C
pH = 7.5
Relative density ± 1.065 (H₂O = 1 @ 20 °C)
Solubility - Soluble in water

9.2. Other information

Conductivity No data available
Surface tension No data available
Gas group No data available
Benzene Content No data available
Lead content No data available
VOC (Volatile organic compounds) No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

PRODUCT NAME**Steri-Guard Multi Purpose Sanitiser****SECTION 11: Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**

May cause irritation to skin.

11.1. Information on toxicological effects**Serious eye damage/irritation**

May cause irritation to eyes.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information**12.1. Toxicity****Sodium hydroxide****Fish LC50/96h:** 125.0000 mg/l**12.2. Persistence and degradability**

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient**Sodium hydroxide** Not applicable.**12.4. Mobility in soil**

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.
 No data is available on this product.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.
 No data is available on this product.

SECTION 15: Regulatory information

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction 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.



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COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction 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.

15.2. Chemical safety assessment

No data is available on this product.

SECTION 16: Other information

Other information

Text of risk phrases in Section 3

R10 - Flammable
 R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
 R21/22 - Harmful in contact with skin and if swallowed.
 R22 - Harmful if swallowed.
 R34 - Causes burns.
 R35 - Causes severe burns.
 R36/38 - Irritating to eyes and skin.
 R38 - Irritating to skin.
 R41 - Risk of serious damage to eyes.
 R43 - May cause sensitisation by skin contact.
 R50 - Very toxic to aquatic organisms.
 R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65 - Harmful: may cause lung damage if swallowed.

Text of Hazard Statements in Section 3

Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin
 Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
 Eye Dam. 1: H318 - Causes serious eye damage.
 Aquatic Acute 1: H400 - Very toxic to aquatic life.
 Acute Tox. 4: H302 - Harmful if swallowed.

Other information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.