

# GLIXTONE

## SAFETY DATA SHEET STERILISING SOLN (CONC) GS36

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

#### 1.1. Product identifier

Product name STERILISING SOLN (CONC) GS36

Product number CS01BW

Special User Instructions

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

Identified uses Sterilising Solution

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

Supplier Glixtone  
2E Eagle Road  
North Moons Moat  
Redditch  
Worcestershire  
01527599460

#### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1527 599 460 Mon-Thur: 8.00 - 16.30 Fri: 8.00 - 14.30

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

#### 2.2. Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<p><b>Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides</b></p> <p>CAS number: 68424-85-1</p> <p>M factor (Acute) = 10                      M factor (Chronic) = 1</p>	<b>13%</b>
<p><b>Classification</b></p> <p>Acute Tox. 4 - H302</p> <p>Skin Corr. 1B - H314</p> <p>Eye Dam. 1 - H318</p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 1 - H410</p>	

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove to fresh air. Keep person warm and at rest. If not breathing or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
<b>Ingestion</b>	IF SWALLOWED: Get medical attention immediately. Show this Safety Data Sheet to the medical personnel. Keep affected person warm and at rest. Do not induce vomiting.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Do not use organic solvents.
<b>Eye contact</b>	Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

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<b>Ingestion</b>	This product is corrosive. May cause severe internal injury.
<b>Skin contact</b>	This product is corrosive. Causes severe skin burns and eye damage.
<b>Eye contact</b>	This product is corrosive. Causes severe skin burns and eye damage. May cause serious eye damage.

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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	No specific treatment

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

### **5.2. Special hazards arising from the substance or mixture**

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Use air-supplied respirator, gloves and protective goggles. Wear chemical protective suit.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Take care as floors and other surfaces may become slippery. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing, gloves, eye and face protection.

**For non-emergency personnel** Exclude sources of ignition and ventilate the area. Avoid breathing mist or vapour.

### **6.2. Environmental precautions**

**Environmental precautions** Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.

### **6.4. Reference to other sections**

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid inhalation of vapours/spray and contact with skin and eyes. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Put on appropriate personal protective equipment (See section 8) Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original. Comply with health and safety at work laws. Do not allow to enter drains or watercourses

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**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Take off immediately all contaminated clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat. Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Storage class** Corrosive storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

Contains no substances with occupational exposure limits values.

### 8.2. Exposure controls

#### Protective equipment



**Eye/face protection** Chemical splash goggles or face shield.

**Hand protection** The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC).

**Other skin and body protection** Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Hygiene measures** Good personal hygiene procedures should be implemented. Wash skin thoroughly after handling. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

**Environmental exposure controls** Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Colour** Colourless to pale yellow.

**Relative density** 0.995

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

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**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with the following materials: Oxidising agents. Strong alkalis. Strong acids. Amines. Water, moisture.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Nitrogen.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 1,923.08

**Skin contact** This product is corrosive.

**Eye contact** This product is strongly irritating. Causes severe skin burns and eye damage.

#### Toxicological information on ingredients.

#### Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 426.0

**Species** Rat

**ATE oral (mg/kg)** 426.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 1,000.0

**Species** Rat

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** There is no data available on the mixture itself Do not allow to enter drains or watercourses.

#### Ecological information on ingredients.

#### Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)** 10

**Acute toxicity - fish** NOEC, 34 days: 0.032 mg/l, Pimephales promelas (Fat-head Minnow)

##### Chronic aquatic toxicity

**NOEC** 0.01 < NOEC ≤ 0.1

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<b>Degradability</b>	Non-rapidly degradable
<b>M factor (Chronic)</b>	1

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

**Mobility** Not available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not applicable.

### 12.6. Other adverse effects

**Other adverse effects** No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

**Disposal methods** Place waste in labelled, sealed containers. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

<b>UN No. (ADR/RID)</b>	3265
<b>UN No. (IMDG)</b>	3265
<b>UN No. (ICAO)</b>	3265
<b>UN No. (ADN)</b>	3265

### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
<b>Proper shipping name (IMDG)</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
<b>Proper shipping name (ICAO)</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
<b>Proper shipping name (ADN)</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

### 14.3. Transport hazard class(es)

<b>ADR/RID class</b>	8
<b>ADR/RID classification code</b>	C3
<b>ADR/RID label</b>	8

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IMDG class	8
ICAO class/division	8
ADN class	8

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

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

<b>National regulations</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

#### SECTION 16: Other information

Issued by	HS&E Manager.
Revision date	23/08/2022
Revision	3
SDS number	5049

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### Hazard statements in full

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

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.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.