

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** S1 - ODOURLESS SANITISER

**Product code:** 225

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

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control).

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

CATERCLEAN SUPPLIES

BRICKFIELD HOUSE, SWANSEA,  
SOUTH WALES,  
SA1 6RZ,  
UNITED KINGDOM

Tel: 01792 582 000  
Email: [info@clean-source.co.uk](mailto:info@clean-source.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** NHS 111

NHS Direct Wales 08454647

ROI 01 809 2166

(office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Corr. 1B: H314

**Most important adverse effects:** Causes severe skin burns and eye damage. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

[cont...]

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**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS09: Environmental



**Precautionary statements:** P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P337+313: If eye irritation persists: Get medical attention.

P332+313: If skin irritation occurs: Get medical attention.

P273: Avoid release to the environment.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

C 12/15 (MEAN VALUE C<14)A.>6-9 EO (DID 28)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
POLYMER	9043-30-5	-	Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES

270-325-2	68424-85-1	-	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H302	1-10%
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DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
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C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)

POLYMER	160875-66-1	-	Eye Dam. 1: H318	1-10%
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ALCOHOLS, C12-C14, ETHOXYLATED

POLYMER	68439-50-9	-	Aquatic Acute 1: H400; Eye Dam. 1: H318	<1%
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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. Rinse skin with water. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Not applicable.

##### 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 pain.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

#### Section 5: Fire-fighting measures

##### 5.1. Extinguishing media

**Extinguishing media:** Water.

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

##### 5.3. Advice for fire-fighters

**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. 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

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Transfer to a suitable container.

**6.4. Reference to other sections**

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Keep container tightly closed.

**Suitable packaging:** Polyethylene.

**7.3. Specific end use(s)**

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Not applicable.

**Hand protection:** Protective gloves. Nitrile gloves.

**Eye protection:** Safety glasses.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Yellow

**Odour:** Barely perceptible odour

**Evaporation rate:** Not applicable.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Flammability limits %: lower:** Not applicable.

**Part.coeff. n-octanol/water:** Not applicable.

**Vapour pressure:** Not applicable.

**pH:** 11

**Melting point/range°C:** 0

**upper:** Not applicable.

**Autoflammability°C:** Not applicable.

**Relative density:** 1.003

**VOC g/l:** 0

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**9.2. Other information**

Other information: No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

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.

**10.4. Conditions to avoid**

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

Hazardous ingredients:

**C 12/15 (MEAN VALUE C<14)A.>6-9 EO (DID 28)**

ORL	RAT	LD50	1.5	g/kg
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**QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES**

ORAL	RAT	LD50	795	mg/kg
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**DIDECYLDIMETHYLAMMONIUM CHLORIDE**

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	658	mg/kg

**C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)**

ORL	RAT	LD50	>2000	mg/kg
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**ALCOHOLS, C12-C14, ETHOXYLATED**

ORL	RAT	LD50	>5000	mg/kg
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**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 irritation and pain.

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

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

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**C 12/15 (MEAN VALUE C<14)A.>6-9 EO (DID 28)**

-	96H LC50	>1	mg/l
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**QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES**

Daphnia magna	48H EC50	.016	mg/l
GREEN ALGA (Senastrum capricornutum)	72H ErC50	.026	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	.85	mg/l

**DIDECYLDIMETHYLAMMONIUM CHLORIDE**

Daphnia magna	48H EC50	0.06	mg/l
GREEN ALGA (Senastrum capricornutum)	96H LC50	0.12	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.97	mg/l

**C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)**

Scenedesmus	48H EC50	10 - 100	mg/l
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**ALCOHOLS, C12-C14, ETHOXYLATED**

-	48H EC50	>1-<=10	mg/l
-	48H EC50	>100	mg/l
-	96H LC50	>1-<=10	mg/l
-	96H LC50	>1-<=10	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

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**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal of packaging:** Dispose of as normal industrial waste.

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

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN3082

**14.2. UN proper shipping name**

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alkyldimethylbenzylammoniumchloride, didecyldimethylammoniumchloride)

**14.3. Transport hazard class(es)**

**Transport class:** 9

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

**14.6. Special precautions for user**

**Tunnel code:** E

**Transport category:** 3

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

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<b>Other information</b>
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**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 s.3:** H290: May be corrosive to metals.

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.

**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.