

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** NILAQUA SURFACE SPRAY**Product code:** NHSS(size)**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****Company name:** Waterless Ltd

Hope Mill

Hope Mill Lane

Brimscombe

Stroud

GL5 2SQ

**Tel:** +44 (0)1453 357 337**Fax:****Email:** orders@waterlessltd.co.uk**1.4. Emergency telephone number****Emergency tel:** +44 (0)1453 357 337**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** This product has no classification under CLP.**2.2. Label elements****Label elements:** This product has no label elements.**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:**

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QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES -  
REACH registered number(s): 01-2119970550-39-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
939-350-2	63449-41-2	-	Skin Corr. 1B: H314; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<3%

## Non-classified ingredients:

AMINES, C12-14 (EVEN NUMBERED) ALKYLDIMETHYL, N-OXIDES

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	308062-28-4	-	Eye Dam. 1: H318	<3%

SODIUM ETHYLHEXYL SULFATE

-	-	-	Eye Irrit. 2: H319	<3%
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DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	<3%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Not applicable.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

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

**Skin contact:** No symptoms.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**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:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**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.

[cont...]

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## 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. 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. 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

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

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Not applicable.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

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

### DNEL/PNEC Values

#### Hazardous ingredients:

#### QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	3.96	Workers	Systemic
DNEL	Dermal	5.7	Workers	Systemic
DNEL	Inhalation	1.64	Consumers	Systemic

[cont...]

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DNEL	Dermal	3.4	Consumers	Systemic
DNEL	Oral	3.4	Consumers	Systemic

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Not applicable.

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

**Skin protection:** Not applicable.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Barely perceptible odour

**Viscosity:** Non-viscous

**Boiling point/range°C:** >35

**Flash point°C:** >93

**pH:** Approx. 7

### 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.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

[cont...]

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** No symptoms.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 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

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

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

**Disposal of packaging:** HDPE, Recycle where possible.

**NB:** 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

[cont...]

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

**Specific regulations:** Not applicable.

## 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

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.