

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)

UFI No: N4X80-S0AD-V002-MC1X

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). Hand disinfection.

1.3. Details of the supplier of the safety data sheet

Company name: Waterless Ltd

Unit 1, Viking Way, Llansamlet

Swansea SA1 7DA, UK

Tel: +44 (0)1453 357 337

Fax:

Email: orders@waterlessltd.co.uk

1.4. Emergency telephone number

Emergency tel (Waterless Ltd): +44 (0)1453 357 337 – during office opening hours

NHS UK: 111 (24h, 7d) for healthcare professional only

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Aquatic chronic 3

2.2. Label elements

Hazard pictogram: None

Signal word: None

Hazard statement: H412 Harmful to aquatic life with long lasting effects

Precautionary statement:

Prevention: P273 Avoid release to the environment

Disposal: P501 Dispose of content/container according to local regulations

2.3. Other hazards

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

Section 3: Composition/information on ingredients**3.2. Mixtures**

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For the full text of the H-Statements mentioned in this Section, see Section 16.

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

EC	CAS	PBT / WEL	CLP Classification	Concentration
270-325-2	68424-85-1	-	Metal Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; Acute Tox. 4: H302; Aquatic Chronic 1: H410 (M=1); Aquatic Acute 1: H400 (M=10)	0.1 < C < 1%

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

EC	CAS	REACH registration	CLP Classification	Percent
931-292-6	308062-28-4	2119490061-47-XXXX	Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Aquatic Acute 1: H400 (M=1)	0.1 < C < 1%

DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Chronic 2: H411 (M=1); Aquatic Acute 1: H400 (M=10)	0.1 < C < 1%
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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 if unwell.

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: Treat symptomatically

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

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Exposure hazards: In combustion emits toxic fumes.

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. Prevent spilled product from entering sewage and drainage systems.

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. Prevent spilled product from entering sewage and drainage systems. 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 sections 7, 8, 12 and 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: For industrial handling: avoid contact with eyes. Wear protective equipment as per Section 8. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

Specific end use(s): refer to section 1.2

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Based on their individual concentration in the mixture, there are no substances that need to be indicated for their National Occupational Exposure limits in UK or Ireland.

DNEL/PNEC Values

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

Type	Exposure	Value	Population	Effect
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DNEL	Inhalation	3.96	Workers	Systemic
DNEL	Dermal	5.7	Workers	Systemic
DNEL	Inhalation	1.64	Consumers	Systemic
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: Goggles recommended in case of transfer and for industrial handling.

Skin protection: Protective clothing for industrial handling.

Thermal protection: See sections 6 and 7.

Hygiene measures: When using do not eat, drink or smoke.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Melting point/freezing point: - / 0 °C

Initial boiling point and boiling range: > 35 °C

Flammability: not flammable

Upper/lower explosion limit: not applicable

Flash point: > 93 °C

Auto-ignition temperature: not applicable

Decomposition temperature: not available

pH: approx. 7

Kinematic viscosity: not available

Solubility: soluble in water

Partition Coefficient (n-octanol/water): not applicable

Evaporation rate: not available

Vapour pressure: not applicable

Relative density: not available

Relative vapour density: not available

Viscosity: Non-viscous

9.2. Other information

Other information: No data available. NILAQUA Surface Spray

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions recommended in section 7.

10.2. Chemical stability

Chemical stability: Stable under normal handling and storage conditions recommended in section 7.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions recommended in section 7.

10.4. Conditions to avoid

Conditions to avoid: Heat. Keep from freezing.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: No hazardous decomposition products under handling and storage conditions recommended in Section 7. See Section 5 for combustion products.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity: No specific test data for the product. Based on substances data, the product is not classified.

Skin corrosion/irritation: Non-irritant. The product does not show significant adverse dermatological effect when in contact with human skin for 24 hours. Also based on substances data, the product is not classified.

Serious eye damage/irritation: No specific test data for the product. Based on substances data, the product is not classified.

Respiratory or skin sensitisation: No specific test data for the product. Based on substances data, the product is not classified.

Germ cell mutagenicity: No specific test data for the product. Based on substances data, the product is not classified.

Carcinogenicity: No specific test data for the product. Based on substances data, the product is not classified.

Reproductive toxicity: No specific test data for the product. Based on substances data, the product is not classified.

STOT – single exposure: No specific test data for the product. Based on substances data, the product is not classified.

STOT - repeated exposure: No specific test data for the product. Based on substances data, the product is not classified.

Aspiration hazard: No specific test data for the product. Based on substances data, the product is not classified.

11.2. Information on other hazards

Endocrine disrupting properties: No information available.

Section 12: Ecological information

12.1. Toxicity

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Ecotoxicity: No specific test data for the product. Based on substances data, the product is harmful to aquatic life with long lasting effects.

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: Not applicable to mixtures.

12.6. Endocrine disrupting properties

Endocrine disrupting properties: No information available.

12.7. Other adverse effects

Other adverse effects: No information available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Do not discharge product in sewage and drainage systems. Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Waste product and worn-out packages must be discarded according to the local regulations.

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

Specific regulations: This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2015/830, Regulation (EU) No 453/2010 and Commission Regulation (EU) 2020/878. The product complies with Regulation (EC) No 528/2012 and Regulation (EC) No 1907/2006.

15.2. Chemical Safety Assessment

Risk assessment: A chemical safety assessment has not been carried out.

Section 16: Other information

Other information

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Abbreviations and acronyms used: PBT/vPvB: Persistent, Bioaccumulative and Toxic/Very Persistent and Very Bioaccumulative
Metal Corr. 1: corrosive to metals category 1
Skin Corr. 1B: skin corrosive category 1B
Eye Dam. 1: eye damage category 1
Acute Tox. 4: acute toxicity category 4
Skin Irri. 2: skin irritation category 2

Full text of Hazard statements: H290: May be corrosive to metals
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
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

Other information: Key literature references and sources for data: supplier's SDS and ECHA website.

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.

Number of pages: 7

Revision Date: 13 October 2021

Version: No 6. This safety data sheet replaces any previous version.

Changes in sections: 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 3.2, 4.1, 4.3, 5.3, 6.2, 6.4, 7.1, 7.2, 7.3, 8.1, 8.2, 9.1, 10.4, 10.6, 11.1, 11.2, 12.1, 12.6, 12.7, 13.1, 15.1, 15.2, 16.