

our safety data sheet for...  
**anti-bacterial sanitiser**



### 1. Identification of the substance/mixture & of the company/undertaking

#### 1.1 Product Identifier

Product Name: Anti-Bacterial Sanitiser (EN1276 and EN13697 approved - see section 17)  
Product Code: SNA003DEL01R / SNA007DEL01R (ready-to-use)

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

Use of the Substance/Mixture: Hard surface disinfectant and cleaner.  
Recommended restrictions on use: We do not have information on restrictions. They will be included when available.

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

Company: Delphis Eco, Unit 1, River Reach, Gartons Way, London SW11 3SX

#### 1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) f. 0870 974 7219 e: sales@delphiseco.com

### 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

Precautionary statements: P280: Wear eye protection.

#### 2.3 Other hazards

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

### 3. Composition/Information on Ingredients

#### 3.2 Mixtures

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS

EINECS	CAS	CHIP Classification	CLP Classification	Percent
264-151-6	63449-41-2	Xn: R21/22; C: R34; N: R50	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%

### 4. First Aid Measures

#### 4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.  
Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.  
Ingestion: Do not drink, if swallowed drinking water may be beneficial, do not induce vomiting.  
Inhalation: Avoid inhaling product, move to fresh air if in discomfort.

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

Skin contact: There may be mild irritation at the site of contact.  
Eye contact: There may be irritation and redness.  
Ingestion: There may be irritation of the throat.  
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate / special treatment: Not applicable.

### 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.

#### 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.

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### 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 materials 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.

### 7. Handling and Storage

#### 7.1 Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

#### 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 uses

Specific end use(s): No data available.

### 8. Exposure Controls/Personal Protection

#### 8.1 Control parameters

Workplace exposure limits: No data available.  
DNEL / PNEC Values: No data available.

#### 8.2 Exposure controls

Respiratory protection: Respiratory protection not required.  
Hand protection: Protective gloves.  
Eye protection: Safety glasses. Ensure eye bath is to hand.  
Skin protection: Protective clothing.

### 9. Physical and Chemical Properties

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

State:	Liquid
Colour:	Colourless
Odour:	Barely perceptible odour
Evaporation rate:	Slow
Oxidising:	Not applicable.
Solubility in water:	Soluble
Viscosity:	Non-viscous
Boiling point/range°C:	100
Flammability limits %: lower:	Not applicable
Flash point°C:	Not applicable
Autoflammability°C:	Not applicable
Relative density:	1.00
VOC g/l:	Not applicable
Melting point/range°C:	0
upper:	Not applicable
Part.coeff. n-octanol/water:	No data available
Vapour pressure:	No data available
pH:	9.00

#### 9.2 Other Information

Other information: No data available.

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### 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. Hot surfaces.

#### 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.

### 11. Toxicological Information

#### 11.1 Information on toxicological effects

Hazardous ingredients: QUATERNARY AMMONIUM COMPOUNDS

DERMAL	RAT	LD50	1560 mg/kg
ORAL	RAT	LD50	795 mg/kg

Toxicity values: No data available.

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

### 12. Ecological Information

#### 12.1 Toxicity

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS

DAPHNIA	48H EC50	0.03 mg/l
GREEN ALGA (Selenastrum capricornutum)	96H ErC50	0.06 mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	1.7 mg/l

#### 12.2 Persistence and Degradability

Persistence and degradability: The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### 12.3 Bio-accumulative 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.

### 13. Disposal Recommendations

#### 13.1 Waste treatment methods

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

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### 14. Transport Information

Transport class: This product does not require a classification for transport.

### 15. Regulatory Information

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

#### 15.2 Chemical safety assessment

### 16. 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:

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH). Do not mix with other chemicals.

### 17. Microbiological Data (independently tested by Campden BRI and Eurofins biolab)

EN1276 Bactericidal suspension test requires a 5 log reduction within contact time (obligatory contact time 5 minutes) against all 4 obligatory challenge organisms under Dirty and/or clean conditions. The Delphis Eco anti-bacterial sanitizer concentrate met the EN1276 criteria under CLEAN conditions (0.03% Bovine Albumin) at 2% dilution after 5 minutes contact. The Delphis Eco anti-bacterial sanitizer concentrate met the EN1276 criteria under DIRTY conditions (0.3% Bovine Albumin) at 4% dilution after 5 minutes contact.

EN13697 Bactericidal non porous surface test requires a 4 log reduction within a contact time (obligatory contact time 5 minutes) against all 4 obligatory challenge organisms under Dirty and/or Clean conditions. The Delphis Eco anti-bacterial sanitizer concentrate met the EN13697 criteria under CLEAN conditions (0.03% Bovine albumin) at 6% after 5 minutes contact. The Delphis Eco anti-bacterial sanitizer concentrate met the EN13697 criteria under DIRTY conditions (0.3% Bovine albumin) at 10% after 5 minutes contact.

Taint test (as described in the report): The Delphis Eco anti-bacterial sanitiser concentrate met the Taint test criteria at 4% (representing a use concentration of 2%)

Date: 01.06.15

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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