

our safety data sheet for...



Anti-Bacterial Sanitiser



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

1.1 Product Identifier

Product Name: Anti-Bacterial Sanitiser (EN1276 and EN13697)
Product Code: SNA003 / SNA007 (ready-to-use)
Type of product: Disinfectant

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

1.2.1. Relevant identified uses

Main use category: Professional use, Consumer use
Use of the substance/mixture: Pesticides, non-agricultural (Biocides)
Function or use category: Pesticides, non-agricultural (Biocides)

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco Ltd, The Leather Market, Lefone House unit 202, 11-13 Weston Street, London SE1 3ER

1.4 Emergency telephone number

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

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not classified

Adverse physicochemical, human health and environmental effects: To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: DIDECYLDIMETHYLAMMONIUM CHLORIDE

Precautionary statements (CLP): P280 - Wear eye protection.

2.3 Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	EINECS	CAS	CLP Classification	Percent
DIDECYLDIMETHYLAMMONIUM CHLORIDE	230-525-2	27173-51-5	Acute Tox. 4 (Oral) H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411	<1%
(REACH registered number(s): 01-2119945987-15) (EC Index-No.: 612-131-00-6)				

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

No additional information available.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire Fighting Measures

5.1 Extinguishing Media

Extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released.



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5.3 Advice for fire fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well ventilated area. Keep cool.

7.3 Specific end uses

No additional information available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Protective gloves



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8.2.2.3. Respiratory protection

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Colourless
Odour:	Slight
Melting point:	0 °C
Boiling point:	100 °C
Flammability:	Non flammable
pH:	10.5
Solubility:	Soluble in water
Relative density:	1

9.2 Other Information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

10. Stability and Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to Avoid

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)

LD50 oral rat:	658 mg/kg
LD50 dermal rat:	> 2000 mg/kg
LD50 dermal rabbit:	≈ 3342 mg/kg bodyweight Animal: rabbit, Guideline: other:, Remarks on results: other:, 95% CL: 0 - 4292
Skin corrosion/irritation:	Not classified
pH:	10.5

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)

pH:	6.8 Source: ECHA
Serious eye damage/irritation:	Not classified
pH:	10.5

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)

pH:	6.8 Source: ECHA
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified



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Carcinogenicity: Not classified
 Reproductive toxicity: Not classified
 STOT-single exposure: Not classified
 STOT-repeated exposure: Not classified
 Aspiration hazard: Not classified

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)
 Viscosity, kinematic $\approx 24.5 \text{ mm}^2/\text{s}$ Temp.: '20°C' Parameter: 'kinematic viscosity (in mm^2/s)'

11.2. Information on other hazards

No additional information available.

12. Ecological Information

12.1 Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
 Hazardous to the aquatic environment, short-term (acute): Not classified.
 Hazardous to the aquatic environment, long-term (chronic): Not classified.

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)
 LC50 - Fish [1]: 0.97 mg/l
 LC50 - Fish [2]: $\approx 0.49 \text{ mg/l}$ Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
 EC50 - Crustacea [1]: $\approx 0.057 \text{ mg/l}$ Test organisms (species): Daphnia magna
 EC50 - Crustacea [2]: $\approx 0.029 \text{ mg/l}$ Test organisms (species): Daphnia magna
 EC50 72h - Algae [1]: $\approx 0.062 \text{ mg/l}$ Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
 ErC50 algae: 0.06 mg/l Selenastrum capricornutum
 LOEC (chronic): $\approx 0.047 \text{ mg/l}$ Test organisms (species): Daphnia magna Duration: '21 d'
 NOEC (chronic): $\approx 0.021 \text{ mg/l}$ Test organisms (species): Daphnia magna Duration: '21 d'
 NOEC chronic crustacea: 0.021 mg/l Daphnia
 NOEC chronic algae: 0.013 mg/l Pseudokirchneriella subcapitata

12.2 Persistence and Degradability

SANITISER RTU - C&D 02 FRAME FORMULATION
 Persistence and degradability: Readily biodegradable.

12.3 Bio-accumulative potential

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)
 Partition coefficient n-octanol/water (Log Pow): 2.58 Source: ECHA

12.4 Mobility in soil

DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)
 Mobility in soil: 667 - 24433 Source: ECHA

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Other adverse effects

No additional information available.

12.7. Other adverse effects

No additional information available

13. Disposal Recommendations

13.1 Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. Transport Information

In accordance with ADR / IMDG

	ADR	IMDG
	NOT SUBJECT	NOT SUBJECT
14.1. UN number or ID number:	UN	Not applicable
14.2. UN proper shipping name:	Not applicable	Not applicable
14.3. Transport hazard class(es):	Not applicable	Not applicable
14.4. Packing group:	Not applicable	Not applicable
14.5. Environmental hazards	Dangerous for the environment: No	Dangerous for the environment: No
Marine pollutant: No		
No supplementary information available		



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15. Regulatory Information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)	Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)
REACH Annex XIV (Authorisation List)	Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
REACH Candidate List (SVHC)	Contains no substance(s) listed on the REACH Candidate List
PIC Regulation (Prior Informed Consent)	Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Didecyldimethylammonium chloride (7173-51-5)
POP Regulation (Persistent Organic Pollutants)	Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
Ozone Regulation (1005/2009)	Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)
Explosives Precursors Regulation (2019/1148)	Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Drug Precursors Regulation (273/2004)	Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other Information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
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.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B

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.

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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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