



Companion in Hygiene Solutions

SAFETY DATA SHEET
according to Regulation (EU) 2015/830

S02 Food Surface Disinfectant

Revision: 1
Revision date: 01/07/2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	
Product name	S02 Food Surface Disinfectant
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
1.3 Details of the supplier of the safety data sheet	
Company Address	Ionic Products Ltd Blaris Industrial Estate, Altona Road, Lisburn, Co Antrim BT27 5QB United Kingdom
Web	www.ionicproductsltd.com
Telephone	028 9267 3331
Email:	Info@ionicproductsltd.com
1.4 Emergency telephone number	
Emergency telephone number	028 9267 3331. In the event of a medical enquiry involving this product, please contact your GP or local A&E dept. Ireland: National Poisons Centre, Beaumont Hospital, Dublin 9 Tel: 01 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture	
2.1.2 Classification - EC 1272/2008	Skin Corr. 1A: H314; Aquatic Chronic 1: H410;
2.2 Label elements	
Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P363 - Wash contaminated clothing before reuse. P391 - Collect spillage.
Precautionary Statement Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
Further information	
	Contains: didecyldimethylammonium chloride.

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

EC 1272/2008

Chemical name	Index No.	CAS No.	EC No.	REACH registration Number	Conc (%w/w)	Classification
Didecyltrimethylammonium chloride (*R01)		7173-51-5	230-525-2		1-10%	Acute Tox. 3: H301 - Toxic if swallowed Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 Aquatic Chronic; 1; H410
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)		68002-97-1			1-10%	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412;
Tetrasodium ethylene diamine tetraacetate	607-428-00-2	64-02-8	200-573-9	01-2119486762-27	1-10%	Acute Tox. 4: H302; Eye Dam. 1: H318;

SECTION 4: First aid measures**4.1 Description of first aid measures**

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Wash with water. Seek medical attention.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Irritant, Severe respiratory.
Eye contact	Causes severe burns.
Skin contact	Causes severe burns.
Ingestion	Causes severe burns.

4.3 Indication of any immediate medical attention and special treatment needed

	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

	Use as appropriate: Carbon dioxide (CO ₂), Dry chemical, Foam.
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5.2 Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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5.3 Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
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6.2 Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3 Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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6.4 Reference to other sections

	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
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7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. For incompatibilities refer to section 10.4.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.2 Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Wash hands after handling the product.

8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2 Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Safety glasses. (EN166)

Skin protection -

Chemical resistant gloves (PVC). (EN 374)

Hand protection

Respiratory protection

Not normally required. Do not breathe gas/fumes/vapour/spray.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue
Odour	Characteristic
pH	>11.5
Melting point	Not determined
Freezing Point	Not determined
Initial boiling point	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable to liquids
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Viscosity	<100 cp @20°C
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Solubility	Soluble in water
Vapour pressure	Not determined

9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	0.99 g/cm ³

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No other adverse effects known.

10.4 Conditions to avoid

Avoid contact with: Acids.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation	Causes burns.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.

Reproductive toxicity	No observed effect level.
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11.1.4 Toxicological Information

Didecyldimethylammonium chloride (*R01)	<p>Acute oral toxicity (LD50): Rat 238 mg/kg</p> <p>Acute dermal toxicity (LD50): 3 342 Rabbit mg/kg</p> <p>irritating Species: Rabbit Exposure time: 3 min</p> <p>Skin irritation</p>
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	<p>Inhalation Rat LC50/15min: NDA</p> <p>Oral Rat LD50: 100 mg/kg</p> <p>Dermal Rabbit LD50: 2,000 mg/kg</p> <p>Dermal Rat LD50 NDA</p> <p>Oral Mouse LD50: NDA</p> <p>Dermal Guinea Pig LD50 NDA</p>
Tetrasodium ethylene diamine tetraacetate	<p>Inhalation Rat LC50/6 h: <=1</p> <p>Oral Rat LD50: NDA</p> <p>Dermal Rabbit LD50: NDA</p> <p>Dermal Rat LD50: 1780</p> <p>Oral Mouse LD50 NDA</p> <p>Dermal Guinea Pig LD50: NDA</p>

SECTION 12: Ecological information

12.1 Toxicity

Didecyldimethylammonium chloride (*R01)	<p>Algae EC50/72h: NDA</p> <p>Guppy LC50/96h: NDA</p> <p>Daphnia LC50/48h: NDA</p>
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	<p>Daphnia EC50/48h: NDA</p> <p>Fish LC50/96h: NDA</p> <p>Algae IC50/72h: NDA</p>
Tetrasodium ethylene diamine tetraacetate	<p>Algae EC50/72h: 100 mg/l</p> <p>Guppy LC50/96h: 100 mg/l</p> <p>Daphnia LC50/48h: 100 mg/l</p>

12.2 Persistence and degradability

	No data is available on this product.
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12.3 Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	No data is available on this product.
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12.4 Mobility in soil

	No data is available on this product.
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12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal of packaging

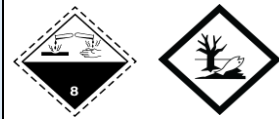
Dispose of in compliance with all local and national regulations.
Empty containers can be cleaned with water.

Further information

European Waste Catalogue: 20 01 15 alkalines.

SECTION 14: Transport information

Hazard pictograms



14.1 UN number

UN3267

14.2 UN proper shipping name

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (TETRASODIUM ETHYLENE DIAMINE TETRA ACETATE,

14.3 Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4 Packing group

Packing group III

14.5 Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	80
Tunnel Category	E

IMDG

EmS Code F-A-S-B

IATA

Packing Instruction (Cargo)	856
Maximum quantity	60L
Packing Instruction (Passenger)	852
Maximum quantity	5L

SECTION 15: Regulatory information

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

EU regulations:
• Regulation(EC)No.1907/2006 - REACH
• Regulation(EC)No1272/2008 - CLP
• Regulation(EC)No.648/2004 - Detergents regulation

Ingredients according to EC Detergents Regulation 648/2004
5 - 15%: Cationic surfactants
Less than 5%: E.D.T.A., Non ionic surfactants

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture.

SECTION 16: Other information

Other information

Revision This document differs from the previous version in the following areas:.

