



EcoTech
(Europe) Ltd

SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010.



SURFACE DISINFECTANT LIQUID - ALCOHOL-FREE

Version 2: dated 9/6/2021 Supersedes Version 1: dated 1/5/2018


SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1	Product identifier	Surface Disinfectant Liquid (Alcohol Free)
	Other means of identification	TS500SDAF
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Uses:	Disinfection of hard surfaces - effective against E-Coli, Listeria, Salmonella, MRSA & viricidal activity against enveloped viruses.
	Not to be used for:	
1.3	Details of the supplier of the Safety Data Sheet	
	Company Name:	EcoTech (Europe) Limited
	Address:	EcoTech House Torrington Avenue Coventry West Midlands CV4 9HN United Kingdom
	Telephone:	+44 (0)24 7647 1894
	Fax:	+44 (0)24 7647 4743
	E-mail:	sales@ecotech-europe.com
	Website:	www.ecotech-europe.com
1.4	Emergency Telephone Number	UK: 07484 759342 (24 hours) Ireland: National poisons Information Centre: 01 809 2166 (8am-10pm)
	Competent Person Email	sales@ecotech-europe.com

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture	
	Classification under CLP	Eye Irrit. 2: H319
	Most important adverse effects	Causes serious eye irritation.

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2.2	Label elements	
	Hazard statements	H319: Causes serious eye irritation.
	Hazard pictograms:	GHS07: Exclamation mark 
	Signal words	Warning
	Precautionary statements	P102: Keep out of reach of children P101: If medical advice is needed, have product container or label at hand. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
2.3	Other hazards	Non noted
	PBT	This product is not identified as a PBT/vPvB substance.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2	Mixtures											
	Hazardous ingredients:											
	DIDECYLDIMETHYLAMMONIUMCHLORIDE 40%											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">EINICS</th> <th style="width: 25%;">CAS No.</th> <th style="width: 25%;">PBT / WEL</th> <th style="width: 25%;">CLP Classification</th> <th style="width: 10%;">Percent</th> </tr> </thead> <tbody> <tr> <td>230-525-2</td> <td>7173-51-5</td> <td style="text-align: center;">-</td> <td>Skin Corr. 1B: H314; Acute Tox. 4: H302; Aquatic Acute 1: H400</td> <td style="text-align: center;"><1%</td> </tr> </tbody> </table>	EINICS	CAS No.	PBT / WEL	CLP Classification	Percent	230-525-2	7173-51-5	-	Skin Corr. 1B: H314; Acute Tox. 4: H302; Aquatic Acute 1: H400	<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. Seek medical assistance if symptoms persist
	Ingestion	Wash out mouth with water.
	Inhalation	Not applicable.
4.2	Most important symptoms and effects, both acute and delayed	
	Skin contact	Based on available data the classification criteria are not met.
	Eye contact	May cause eye irritation.
	Ingestion	Based on available data classification criteria are not met.
	Inhalation	No symptoms.
4.3	Immediate / special treatment	Not applicable

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SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
5.2	Exposure hazards	In combustion emits toxic fumes of oxides of carbon.
5.3	Advice for firefighters	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	Refer to section 8 of SDS for personal protection details. Turn leaking containers leakside up to prevent the escape of liquid.
6.2	Environmental precautions	Do not discharge into drains or rivers. Do not dispose into sewers or waste water courses.
6.3	Methods and material for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
6.4	Reference to other sections	Refer to section 8 of SDS.

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	None
7.2	Storage conditions	Store in a cool, well ventilated area. Keep container tightly closed.
	Suitable packaging	Correctly labelled containers must be used
7.3	Specific end use	No data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Control parameters	
	Workplace exposure limits	No data available.
	DNEL / PNEC	No data available.
8.2	Exposure controls	
	Respiratory protection	Respiratory protection not required.
	Hand protection:	Classified as non-hazardous.
	Eye protection	Not classified as hazardous under normal use.
	Skin protection	Classified as a non-hazardous product.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	State:	Aqueous based disinfectant solution
	Colour:	Colourless
	Odour:	Low odour
	Evaporation rate:	No data available.
	Oxidising:	Not oxidising.
	Solubility in water:	Completely soluble in water.
	Viscosity:	Not determined.
	Boiling point/range°C:	No data available.
	Flammability limits %: lower:	No data available.
	Flash point°C:	No data available.
	Autoflammability°C:	No data available.
	Relative density:	1.000gcm ³ -1.010gcm ³
	VOC g/l:	No data available.
	Melting point/range°C:	No data available.
	Part.coeff. n-octanol/water:	No data available.
	Vapour pressure:	No data available.
	pH	6.5 - 8.5
9.2	Other information	None available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under recommended transport or storage conditions.
10.2	Chemical Stability	Stable under normal conditions.
10.3	Possibility of 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	Heat. Freezing.
10.5	Incompatible materials	Strong oxidising agents. Strong acids. Strong bases.
10.6	Hazardous decomposition products	In combustion emits toxic fumes of oxides of carbon.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Hazardous ingredients:

DIDECYLDIMETHYLAMMONIUMCHLORIDE 40%			
DERMAL	RAT	LD50	3250 mg/kg
ORAL	MUS	LD50	625 mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

SYMPTOMS / ROUTES OF EXPOSURE

Skin contact	Based on available data the classification criteria are not met.
Eye contact	May cause eye irritation
Ingestion	Based on available data classification criteria are not met.
Inhalation	No symptoms.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Hazardous ingredients:

DIDECYLDIMETHYLAMMONIUMCHLORIDE 40%		
DAPHNIA	48H EC50	0.06 mg/l
GREEN ALGA (Selenastrum capricornutum)	96H LC50	0.03 mg/l

12.2 Persistence and degradability	Article complies with EU regulations on biodegradability.
12.3 Bio accumulative potential	No bioaccumulation potential.
12.4 Mobility in soil	Not Determined
12.5 Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects	Negligible ecotoxicity.

SECTION 13: DISPOSAL CONSIDERATION

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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SECTION 14: TRANSPORT INFORMATION

Transport Class	This product does not require a classification for transport.
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SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations / legislation specific for the substance or mixture	Not applicable.
15.2	Chemical safety assessment	A chemical safety assesment has been carried out

SECTION 16: OTHER INFORMATION

	Other information	According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 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. H319: Causes serious eye irritation. H400: Very toxic to aquatic life.
	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.