

SAFETY DATA SHEET

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



HAND & SURFACE DISINFECTANT WIPES

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

1.1	Product identifier	Hand & Surface Disinfectant Wipes
	Other means of identification	EBSD1000, EBSD500, ETSD200, ETSD200CPDT, ETSD200M, ETHSD100, FPHSD40, FPHSD40NAT
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Uses:	An impregnated wipe substrate with biocidal activity for cleansing and disinfecting hands, surfaces etc. Effective against MRSA, C-Diff & H1N1.
	Not to be used for:	Not suitable for use in food contact/preparation surfaces
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	07484 759342 24 hours

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture	
2.1.1	EC 1272/2008	H315; Eye Irrit. 2: H319
2.2	Label elements	
	Signal Word	Warning
	Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Precautionary Statement: Prevention	P102 - Keep out of reach of children. P103 - Read label before use.

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	Precautionary Statement: Response	P101 - If medical advice is needed, have product container or label at hand. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label).
2.3	Other hazards	This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Substances						
	EC 1272/2008						
					REACH Registration Number	Conc. (%w/w)	Classification
	Chemical Name	Index No.	CAS No.	EC No.			
	Didecyldimethyl ammonium chloride	612-131-00-6	7173-51-5	230-525-2		1 - 10%	Acute Tox. 4: H302; SkinCorr. 1B: H314;
	Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10% Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3:H336;	
	3.2	Mixtures	See section 3.1 for further information.				
	Further information	For full text of H-statements see SECTION 16.					

SECTION 4: FIRST AID MEASURES

4.1	Description of first aid measures	
	Inhalation	Inhalation is highly unlikely due to liquid impregnated on a fabric substrate, therefore considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.
	Eye contact	Eye contact is unlikely due to liquid impregnated on a fabric substrate. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
	Skin contact	No Irritation to the skin expected. Seek medical attention if irritation or symptoms persist.
	Ingestion	Ingestion is highly unlikely due to liquid impregnated on a fabric substrate. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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4.2	Most important symptoms and effects, both acute and delayed	
	Inhalation	No specific symptoms noted.
	Eye contact	May cause eye irritation.
	Skin contact	No specific symptoms noted.
	Ingestion	No specific symptoms noted.
4.3	Indication of any immediate medical attention and special treatment needed	If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media	This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
5.2	Special hazards arising from the substance or mixture	In the event of a large fire toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self-contained breathing apparatus.
5.3	Advice for firefighters	Standard protective equipment should be worn by fire fighters, in particular eye / face protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Avoid contact of the impregnating fluid with the eyes.
6.2	Environmental precautions	Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
6.3	Methods and material for containment and cleaning up	Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4	Reference to other sections	For recommended personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Avoid contact with eyes. Adopt best Manual Handling considerations when handling, carrying and dispensing.
7.2	Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.
7.3	Specific end use	No relevant information available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Control parameters	The product is impregnated onto a fabric substrate so free liquid will not be available and exposure significantly mitigated.	
8.1.1	Exposure Limit Values		
	Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250

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8.2	Exposure controls	
8.2.1	Appropriate engineering Controls	Keep in a cool, dry, well ventilated area.
8.2.2	Individual protection measures	None normally required.
8.2.3	Environmental exposure controls	Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
a	Appearance:	Blue or white nonwoven fabric impregnated with a colourless solution.
b	Odour:	Unfragranced but characteristic slight alcoholic odour.
c	Odour threshold:	Not determined.
d	pH:	6.5-7.5.
e	Melting point / freezing point:	Approximately -2°C.
f	Initial boiling point and boiling range:	Approximately 100°C.
g	Flash point:	62 .(Pensky Martens closed cup)
h	Evaporation rate:	Not Determined.
i	Flammability (solid, gas):	Not Determined.
j	Upper / lower flammability or explosive limits:	Not Determined.
k	Vapour pressure:	Not Determined.
l	Vapour density:	Not Determined.
m	Relative density:	Not Applicable, article is an impregnated substrate .
n	Solubility(ies):	Impregnating fluid completely soluble / miscible with water.
o	Partition coefficient: n-octanol / water:	Not Applicable ,article is an impregnated wipe substrate
p	Auto-ignition temperature:	Not Determined.
q	Decomposition temperature:	Not Determined.
r	Viscosity:	Not applicable,article is an inpregnated substrate.
s	Explosive properties:	Not Explosive under normal conditions.
t	Oxidising properties:	Not Oxidising under normal conditions.
9.2	Other information	None deemed relevant.

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SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	This preparation is stable under normal conditions of storage / use and no chemical incompatibility is known.
10.2	Chemical Stability	Stable under recommended storage and handling conditions. The product is not flammable.
10.3	Possibility of hazardous reactions	Strong acids and Strong bases. Strong oxidising agents.
10.4	Conditions to avoid	Avoid excessive heat. Do Not allow to freeze.
10.5	Incompatible materials	Strong acids and Strong bases. Strong oxidising agents.
10.6	Hazardous decomposition products	Combustion of the product may generate toxic fumes containing oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects		
	Acute toxicity	Based on available data the classification criteria are not met.	
	Skin corrosion / irritation	Based on available data the classification criteria are not met.	
	Serious eye damage / irritation	May cause irritation to eyes.	
	Respiratory or skin sensitisation	Based on available data the classification criteria are not met.	
	Germ cell mutagenicity	No mutagenic effects reported.	
	Carcinogenicity	No carcinogenic effects reported.	
	Reproductive toxicity	No teratogenic effects reported.	
	STOT-single exposure	Not classified as a specific target organ toxicant after a single exposure.	
	STOT-repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
	Aspiration hazard	Based on available data the classification criteria are not met.	
11.1.4	Toxicological Information		
	Didcyldimethyl ammonium chloride	Dermal Rat LD50: >2000 mg/kg	Oral Rat LD50: 658 mg/kg
	Isopropanol	Inhalation Rat LC50/4 h: 30 mg/l Dermal Rabbit LD50: 12800 mg/kg	Oral Rat LD50: 5045 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Based on the ingredients present and their concentrations this preparation is not expected to be hazardous to aquatic organisms.
12.2	Persistence and degradability	The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No. 648/2004 on detergents. 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	Not expected to bio accumulate .

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12.4	Mobility in soil	Not Determined.
12.5	Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substances.
12.6	Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATION

13.1	Waste treatment methods	Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
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SECTION 14: TRANSPORT INFORMATION

14.1	UN number	-
14.2	UN proper shipping name	-
14.3	Transport hazard class(es)	This preparation is not classified as "Hazardous" for transport purposes.
14.4	Packing group	-
14.5	Environmental hazards	-
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code	Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations / legislation specific for the substance or mixture	Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.
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SECTION 16: OTHER INFORMATION

	Text of risk phrases in Section 3	
	Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.
	Glossary	ADR European Agreement concerning the International Carriage of Dangerous Goods by Road IATA International Air Transport Association IMDG International Maritime Dangerous Goods PBT Persistent, bio accumulative, toxic RID Convention concerning International Carriage by Rail vPvB very persistent, very bio accumulative STOT Specific Target Organ Toxicity WEL Workplace Exposure Limit.
	General Information	No relevant information required.
	Further Information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his / her own particular use.