



EcoTech
(Europe) Ltd

SAFETY DATA SHEET

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



ECOCLENZ® ANTI-BACTERIAL HAND GEL

Version 1: dated 6/4/2020

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

1.1	Product identifier	EcoClenz Anti-Bacterial Hand Gel
	Other means of identification	HG500 / HG100
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Uses:	Disinfection of hands effective against MRSA, C-DIFF & H1N1
	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	07484 759342 (24 hours)
	Competent Person Email	sales@ecotech-europe.com

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture	
	Main Hazards	Flammable. Causes serious eye irritation-H319
2.2	Label elements	
	Signal Word	Danger

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	Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour, H319 - Causes serious eye irritation
	Precautionary Statement: Prevention	P102 - Keep out of reach of children. P103 - Read label before use. P233 - Keep container tightly closed.
	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. P370+P378 - In case of fire: Use for extinction.
	Precautionary Statement: Storage	Keep cool.
	Precautionary Statement: Disposal	Compliance with local and national regulations.
2.3	Other hazards	This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Composition

EC 1272/2008					
Chemical Name	CAS No.	Content (% w/w)	EU Index No.	EC No.	Classification
Ethanol	64-17-5	50-70%	603-002-00-5	200-578-6	Flam. Liq. 2: H225;Eye irrit.2:H319
Water	7732-18-5				
1,2 propandiol	57-55-6	2.7%		200-338-0	
Carbomer	9007-20-9				
Triethanolamine	102-71-6				

3.2 **Further Information** For full list of H-statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	No irritation expected. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms noted.
Eye contact	May cause irritation to eyes.

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	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	Alcohol resistant foam. Carbon dioxide (CO ₂). Use extinguishing media appropriate to the surrounding fire conditions.
5.2	Special hazards arising from the substance or mixture	Vapour may travel considerable distance to source of ignition and flash back.
5.3	Advice for firefighters	Wear protective gloves / protective clothing / eye protection / face protection. Wear suitable respiratory equipment when necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Large spillages are highly unlikely due to pack size.
6.2	Environmental precautions	Large spillages are highly unlikely due to small pack size. 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 small pack size. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Use of non-sparking tools and equipment where applicable.
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	None
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	Restricted to professional users.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Control parameters		
8.1.1	Exposure Limit Values		
	ETHANOL	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 1920 WEL 15 min limit mg/m ³ : -
	PROPANE-1,2-DIOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 10 WEL 15 min limit mg/m ³ : -
	PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 474 WEL 15 min limit mg/m ³ : -

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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.
8.2.3	Environmental exposure controls	Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.
8.2.4	Further information	Information valid at the time of review of safety data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
a	Appearance:	Clear Colourless Gel
b	Odour:	Unfragranced but characteristic alcoholic odour.
c	Odour threshold:	Not available.
d	pH:	7.5 - 8.5.
e	Melting point / freezing point:	Not available.
f	Initial boiling point and boiling range:	>50°C
g	Flash point:	<23°C.
h	Evaporation rate:	Not available.
i	Flammability (solid, gas):	Highly flammable liquid and vapour.
j	Upper / lower flammability or explosive limits:	Not available.
k	Vapour pressure:	Not available.
l	Vapour density:	Not available.
m	Relative density:	Not available.
n	Solubility(ies):	Gel completely soluble / miscible with water.
o	Partition coefficient: n-octanol / water:	Completely miscible with water
p	Auto-ignition temperature:	Not available.
q	Decomposition temperature:	Not available.
r	Viscosity:	Not available.
s	Explosive properties:	Not available.
t	Oxidising properties:	Not available.
9.2	Other information	None available.

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SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Avoid sparks, flames, heat and sources of ignition.
10.2	Chemical Stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3	Possibility of hazardous reactions	Strong acids and Strong bases. Strong oxidising agents.
10.4	Conditions to avoid	Heat, sparks and open flames. 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 will 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.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	No data available.
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	No data available.
12.4	Mobility in soil	Soluble in water.
12.5	Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substances.
12.6	Other adverse effects	Not known.

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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

	Hazard Pictograms	
14.1	UN number	UN1170
14.2	UN proper shipping name	Ethanol Solution
14.3	Transport hazard class(es)	
	ADR/RID Subsidiary Risk	3 -
	IMDG Subsidiary Risk	3 -
	IATA Subsidiary Risk	3 -
14.4	Packing group	III
14.5	Environmental hazards	No
	Marine Pollutant	No
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.
	ADR/RID Hazard ID Tunnel Category	30 (D/E)
	IMDG EmS Code	F-E S-D
	IATA Packaging Instruction (Cargo) Maximum quantity Packaging Instruction (Passenger) Maximum quantity	366 220 L 355 60 L

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SECTION 15: REGULATORY INFORMATION

<p>15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture</p>	<p>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.</p>
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SECTION 16: OTHER INFORMATION

<p>Text of Hazard Statements in Section 3</p>	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation.</p>
<p>Glossary</p>	<p>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.</p>
<p>General Information</p>	<p>No relevant information required.</p>
<p>Further Information</p>	<p>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.</p>