
SAFETY DATA SHEET

According to COMMISSION REGULATION (EU) 2015/830 (as amended)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
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1.1 Product identifier

Product Name: Safety Shield Antibacterial Hand and Surface Wipes

EC No. See sections 2 and 3

CAS No. See sections 2 and 3

REACH Registration No. See sections 2 and 3.

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

Identified uses: Antibacterial Hand & Surface Wipes,
Biocidal product PT1 (human hygiene)
Biocidal product PT2 (hard surfaces,
including health care but excluding
food contact surfaces)

Uses advised against: All except those identified above.

1.3 Details of the supplier of the safety data sheet

Supplier Name: GDP Compliance Ltd
Supplier Address: 1301 Hedon Road,
Hull, East Yorkshire,
United Kingdom, HU9 5NJ

Telephone No.: +44(0)3333 444 914

E-mail Address: info@gdpcomp.com

National Contact: Not applicable.

1.4 Emergency telephone number

Emergency telephone: Call NHS 111 or 999. Have product to hand when calling.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP) and/or GB CLP Regulation: This product does not meet the criteria for classification.

2.2 Label elements

Hazard Pictogram(s): Not required.
Signal Word: Not required.
Hazard Statement(s): Not required.
Precautionary Statement(s): P101 - If medical advice is needed, have product container or label at hand.
P102 – Keep out of reach of children
P103 - Read label before use.
Supplemental Information (EUH): EUH208 — Contains Levulinic Acid. May produce an allergic reaction.
Supplementary Precautionary Statement(s) Test product on a small & non-visible area of the surface prior to use.
Keep away from children.



Keep away from eyes. If product gets into eyes rinse thoroughly with water.
Reseal container after use to retain moisture.



For external use only. Do not use on damaged skin.
Keep away from direct sunlight and extreme temperatures.

Active Substance: 6g/kg, Didecyltrimethylammonium chloride, CAS # 7173-51-5

2.3 Other hazards

This product does not contain any PBT or vPvB substances. There are no substances of very high concern (SVHCs) present in this product.

SECTION 3: Composition/Information on ingredients

3.2 Mixtures:

Declarable component(s):

Chemical	%	Classification according to Regulation (EC) No. 1278/2008 (CLP) and/or GB CLP Regulation as amending EC CLP Regulation	Type
Monopropylene Glycol [Propane-1,2- diol] CAS: 57-55-6 EC: 200-338-0 REACH: 01-2119456809-23-XXXX	<3%	Not classified.	[2]
Didecyldimethylammonium chloride CAS # 7173-51-5 EC # 230-525-2 REACH: 01-2119945987-15-XXXX	0.6%	Acute Tox. 4 H302 Harmful if swallowed. Skin Corr. 1B H314 Causes severe skin burns and eye damage. Eye Dam. 1 H318 Causes serious eye damage. Aquatic Acute 1 H400 Very toxic to aquatic life (M=10) Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.	[1]
Levulinic acid CAS: 123-76-2 EC: 204-649-2 REACH: 01-2120116230-78-XXXX	≤0.25%	Acute Tox. 4 H302 Harmful if swallowed. Skin Sens. 1 H317 May cause an allergic skin reaction. Eye Dam. 1 H318 Causes serious eye damage.	[1]
Potassium sorbate CAS: 24634-61-5, EC: 246-376-1 REACH: TBA	≤0.2%	Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation.	[1]
Sodium levulinate [Sodium 4-oxovalerate] CAS: 19856-23-6, EC: 243-378-4 REACH: 01-2120764150-64	≤0.125%	Acute Tox. 4 H302 Harmful if swallowed. Eye Dam. 1 H318 Causes serious eye damage.	[1]
Glycerol CAS: 56-81-5, EC: 200-289-5 REACH: Exempt	≤0.0625%	Not classified.	[2]

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Company Number: 11555156, VAT registration No: 332443527, Tel: +44 1482797171

Web: www.gdpcomp.com, E-mail: info@gdpcomp.com

1907/2006/EC Annex V.9			
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Type

- [1] Substance classified with a health or environmental hazard,
- [2] Substance with a Workplace Exposure Limit (WEL)
- [3] Substance meets criteria for PBT according to Regulation (EC) No. 1907/2006 Annex XIII
- [4] Substance meets criteria for vPvB according to Regulation (EC) No. 1907/2006 Annex XIII
- [5] Substance of equivalent concern

Exposure Limits: Monopropylene glycol & Glycerol, see section 8.

REACH status: All components are registered.

Nanofoms: This product does not contain nanomaterials.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

Inhalation

No measures are noted.

Ingestion

Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

Skin contact

This product is intended for use on skin. If irritation occurs stop use and seek medical advice.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If discomfort persists: continue flushing during transport to hospital. Bring these instructions.

4.2 Most important symptoms and effects, both acute and delayed

General information

May cause discomfort or irritation to eyes.

Inhalation

Unlikely due to the form of the product.

Ingestion

May cause discomfort if swallowed.

Skin contact

Sensitive individuals may experience minor reactions. Cease using product should this occur.

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Eye contact

May cause discomfort or irritation to eyes. Redness.

4.3 Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY! Treat Symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Extinguishing media:

Water spray, carbon dioxide, dry chemical and foam.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

This product might liberate irritating and harmful gases during combustion.

Unusual Fire & Explosion Hazards: None known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Collect contaminated fire extinguishing water. DO NOT discharge contaminated water to the drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid handling which leads to eye contact.

6.2 Environmental precautions

Avoid releasing this product into the environment, municipal sewer systems, water ways.

6.3 Methods and material for containment and cleaning up

Collect and dispose of according to waste disposal regulations.

6.4 Reference to other sections

For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Observe good chemical hygiene practices (see section 8 of SDS for guidance). Avoid eye exposure. Sensitized individuals may experience a reaction to this product. Cease using should this occur.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. It is recommended to store above 10°C, do not allow the product to become frozen. Avoid direct sunlight.

7.2 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit(s): EH40 (UK WEL)

EH40 lists a WEL for Monopropylene Glycol (CAS No. 57-55-6), in vapour or particulate form. The form and intended use of this product (skin application), will not result in a significant concentration of airborne particulates/vapours of MPG, the vapour pressure of MPG is provided in section 9; Monopropylene Glycol does not readily vaporise.

EH40 lists a WEL for Glycerol (CAS No. 56-81-5), in a mist form. The form and intended use of this product (skin application), will not result in a significant concentration of airborne particulates/vapours of the Glycerol.

Substance	CAS number	Workplace exposure limit				Comments Carc, Sen, Sk.
		Long-term exposure limit (8 hour TWA reference period)		Short-term exposure limit (15-minute reference period)		
		ppm	mg.m ⁻³	ppm	mg.m ⁻³	
Propane-1,2-diol*	57-55-6			-		
Total vapour & particulates		150	474	-	-	-
Particulates		-	10			
* monopropylene glycol						
Glycerol, mist	56-81-5	-	10	-	-	-

8.2 Exposure controls

Protective equipment

None required.

Process conditions. Engineering measures. Respiratory equipment:

Not required under normal conditions of use.

Hand protection

No special measures are required.

Eye protection

Prevent eye contact by suitable means. No special measures are required.

Hygiene measures

Handle and apply in accordance with good hygiene and safety practices.

Skin protection

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No special measures noted. Product is intended for skin use.

Environmental Hazard Controls

Dispose of according to section 13.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Manufactured using a non-woven fabric impregnated with a non-alcoholic, antibacterial solution.
Colour	White/translucent liquid
Odour	This product is not perfumed/fragranced.
Odour Threshold, Lower	No information available.
pH-Value, Conc. Solution	4.8-5.2
Melting/freezing point	0°C (water)
Initial boiling point and boiling range	100°C (water)
Flash Point	Data are not available for the mixture. 104°C (monopropylene glycol)
Evaporation Rate	Not determined.
Flammability	Not classified for flammability. The product will not readily ignite due to saturation with the aqueous solution.
Flammability Limit – Lower (%)	Not flammable.
Flammability Limit – Upper (%)	Not flammable.
Vapour Pressure	Water: 17.5 mmHg (20°C); Monopropylene glycol: 0.07 mmHg (20°C). Low vapour release (1 atm =760 mmHg)
Relative vapour density (air:1)	2.62 (monopropylene glycol)
Density	~1 g/cm ³ at 20°C (water); 1.0361 g/cm ³ at 20°C (monopropylene glycol)
Solubility	This product is miscible in water.
Partition Coefficient (N-Octanol/Water)	Not determined. Does not apply to mixtures.
Auto Ignition Temperature (°C)	Data are not available for the mixture.

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Decomposition temperature (°C)	400°C (monopropylene glycol) No data available at the time of writing or because it is not applicable due to the nature and classification of the product.
Viscosity	Data are not determined for the mixture itself.
Explosive properties	The product is not explosive, nor flammable.
Oxidising properties	Based on available data the classification criteria are not met.

9.2 Other information

Wipes Substrate:	Non-woven fabric.
Solution:	Antibacterial, non-alcohol solution.
Primary Packaging:	Polypropylene (PP) buckets.

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known.

10.2 Chemical Stability

This product is stable under the prescribed conditions of storage and use.

10.3 Possibility of hazardous reactions

Avoid freezing.

10.4 Conditions to avoid

None are noted.

10.5 Incompatible materials

Alkalis and oxidisers.

10.6 Hazardous decomposition products

Carbon Oxides, Silicon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General Summary:

This mixture is not classified according to EU CLP and/or GB CLP Regulation. A toxicological risk assessment has concluded that the solution provides users with a product that meets the required standards for safety. This product complies with the requirements of the Biocidal Products Regulation 528/2012 (EU BPR) and/or GB BPR.

Acute Toxicity	Based on available data, the classification criteria are not met. Components classified as H302, total less than 1% of this product.
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Skin corrosion/irritation;	This product has been dermatologically tested. Based on calculation method, the criteria for classification are not met.
Serious eye damage/irritation	Based on calculation method, the criteria for classification are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met. Levulinic acid [4-oxovaleric acid], CAS: 123-76-2, - low sensitisation potential (DPRA,OECD 442C; HRIPT).

Product considerations:

Likely Routes of Exposure:	Skin contact. Eye contact.
Ingestion:	The liquor may cause discomfort to the mouth and gastro-intestinal-tract.
Inhalation:	No symptoms noted.
Skin contact:	Intended for skin use. Repeated skin exposure may cause contact dermatitis.
Eye contact:	May cause moderate irritation, reddening.
Existing medical conditions:	This product might aggravate existing skin conditions.

SECTION 12: Ecological information

Ecotoxicity

This product contains, at very low concentrations, ingredients that are harmful to aquatic life.

12.1 Toxicity

For this product- Based on available data the classification criteria are not met.

12.2 Persistence and degradability

Chemicals within this product will persist with the environment.

12.3 Bioaccumulative potential

The product is not expected to bio-accumulate.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

None known.

SECTION 13: Disposal considerations

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General information

Empty cases or primary packaging does not require special handling.

13.1 Waste treatment methods

Do not dispose of via: sewers. Dispose of in accordance with current national & local regulations.

SECTION 14: Transport information

This product is not classified as hazardous (ARD/RID, IATA, IMDG).

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Environmentally Hazardous Substance Marine Pollutant: Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable.

SECTION 15: Regulatory information

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

UK Legislation

-The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007). Health and Safety at Work Act (As Amended) 1974

-EH40 UK WEL (Work Place Exposure Limits)

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

EU Legislation

-Complies with the requirements of the Biocidal Products Regulation 528/2012 (EU BPR)

-Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No

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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 REGULATION (EU) 2015/830 (SDSs)

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the product. Individual components have been assessed as necessary as part of the REACH registration process.

SECTION 16: Other information

Abbreviations and acronyms

ATE= Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DMEL = Derived Minimal Effect Level

DNEL =Derived No Effect Level

EUH statement = CLP- specific Hazard statement

N/A = Not Available

PBT = Persistent. Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

SGG = Segregation Group

TBA = To Be Advised

vPvB = Very Persistent and Very Bioaccumulative

WEL = Workplace Exposure Limit

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This mixture is **not** classified according to EC CLP and/or GB CLP Regulation. A toxicological risk assessment has concluded that the solution provides users with a product that meets the required standards for safety.

Acute Toxicity	Based on available data, the classification criteria are not met. Components classified as H302, total less than 1% of this product.
Skin corrosion/irritation;	This product has been dermatologically tested. Based on calculation method, the criteria for classification are not met.
Serious eye damage/irritation	Based on calculation method, the criteria for classification are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.

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Levulinic acid [4-oxovaleric acid], CAS: 123-76-2, - low sensitisation potential (DPRA, OECD 442C; HRIPT).

Full Text of abbreviated H Statements

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Creation Date 24th June 2020

Revision Date 16th July 2021

Disclaimer.

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the product described or its suitability for a particular use.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Changes – Reviewed and Updated – Version Control

Version 1	New Document
Version 2	Section 1: Updated phone number Section 2: Composition updated Other: Updates related to UK GB Brexit regulations
Version 3	Section 2.2: Label elements updated Section 3.2 & 8 Glycerol added due to WEL Section 16: More information added

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