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SAFETY DATA SHEET

Lifebuoy Pro Antibacterial Hand Gel

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

1.1. Product Identifier

Product form: Alcohol Gel
Product name: Lifebuoy Pro Antibacterial Hand Gel

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

1.2.1 Relevant identified uses

Intended for general public

Main use category Consumer use
Function or use category Sanitising of hands - PT1 Human Hygiene Biocidal Product

1.2.2 Uses advised against

Uses other than those advised.

1.3. Details of the supplier of the safety data sheet

Supplier:

Operational Address Unilever UK Limited
Springfield Drive
KT22 7GR
Surrey
Leatherhead
United Kingdom

Telephone 0800 776646/ Eire 1850 388 399

Email info@gdpcomp.com

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 - Classification, Labelling and Packaging [CLP] and/or GB CLP Regulation as amending EU CLP Regulation

Flammable liquids, Category 2	H225
Eye Irritation, Category 2	H319*

*According to supplier's SDS.

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects

Highly flammable liquid. Causes serious eye irritation.

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] and/or GB CLP Regulation

Hazard pictograms (CLP)



GHS02



GHS07

Signal word (CLP)

Danger

Hazard statements (CLP)

H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.

Precautionary statements (CLP)

P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P280 - Wear protective eye protection.
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.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Child-resistant fastening Not applicable
 Tactile Warning of Danger (TWD) Yes – TWD requirement for all packaging unless technically impossible.

2.3 Other Hazards

No additional information available.

SECTION 3 : Composition/ Information on ingredients

3.1 Substance

Not applicable.

3.2. Mixtures

Name	Product identifier	Index Number in CLP Annex VI	EU and/or UK REACH Registration Number	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] and/or GB CLP Regulation	Specific Concentration Limits (SCL), M-factors, Acute Toxicity Estimate (ATE)
Ethanol substance with Occupational exposure limit	(CAS-No.) 64-17-5 (EC-No.) 200-578-6	603-002-00-5	TBA	70% (v/v) (60.5 –64% w/w)	Flam. Liq. 2, H225 Eye Dam. /Irrit.2, H319	No details given in Ethanol entry in CLP Annex VI.
WATER	(CAS-No.) 7732-18-5	N/A	N/A	QS	Not classified	Water absent from CLP Annex VI.
GLYCEROL substance with Occupational exposure limit	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	N/A	TBA	1.2% w/w	Not classified	Glycerol absent from CLP Annex VI.
Triethanolamine	(CAS-No.) 102-71-6 (EC-No.) 203-049-8	N/A	TBA	To adjust pH	Not classified	Triethanolamine absent from CLP Annex VI.
Carbomer	(CAS-No.) 9003-01-4 (EC-No.) 618-347-7	N/A	TBA	0.24% (w/w)	Not classified	Carbomer absent from CLP Annex VI.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	May cause drowsiness or dizziness.
Symptoms/effects after eye contact	Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazards	Highly flammable liquid and vapour.
Explosion hazard	May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
6.1.1 For non-emergency personnel	
Emergency procedures	Evacuate unnecessary personnel.
6.1.2 For emergency responders	
Protective equipment	Equip clean-up crew with proper protection. Avoid breathing dust/fume/gas/mist/vapours/spray.
Emergency procedures	Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling	Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions	Keep only in the original container in a cool, well ventilated place away from: Keep away from heat, hot surfaces, sparks, open

Legislation on the control of major-accident hazards involving dangerous substances.

flames and other ignition sources. No smoking. Keep in fireproof place. Keep container tightly closed.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

List entry in the directive: FLAMMABLE LIQUIDS; P5c

Qualifying quantity lower tier requirements: 5,000 tonnes

Qualifying quantity lower tier requirements: 50,000 tonnes

Incompatible products
Incompatible materials
Special rules on packaging
Packaging materials

Strong bases. Strong acids
Sources of ignition. Direct sunlight. Heat sources.
Keep only in original container.
Keep only in the original container in a cool, well ventilated place away from combustible materials.

7.3 Specific end use(s)

Consumer use for sanitising hands – PT1 Human Hygiene Biocidal Product

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

GLYCEROL (56-81-5)	
EU - Occupational Exposure Limits	
IOELV TWA (mg/m ³)	10 mg/m ³

ETHANOL (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (mg/m ³)	1920 mg/m ³
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40. HSE

WEL = Workplace Exposure Limit

TWA = Time Weighted Average

8.2. Exposure controls

Appropriate engineering controls:

Keep in a cool place. Use explosion proof equipment. Ensure ground and bond container and receiving equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Avoid all unnecessary exposure.

Respiratory protection:

No respiratory protection needed under normal use conditions.

Other Information

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid/Gel
Colour	Colourless
Odour	Characteristic
Odour threshold	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	> 35 °C
Flammability (gases, liquids & solids)	Highly Flammable Liquid
Lower and upper explosion limit	No data available
Flash point	< 23 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	Approx. 7.5
Viscosity, kinematic	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Relative density	No data available
Relative vapour density at 20 °C	No data available
Particle characteristics	Only applicable to solids

9.2. Other Information

Data related to flammable liquids indicated in Section 9.1.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2 Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3 Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5 Incompatible materials

Strong acids, Strong bases.

10.6 Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Additional information	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	May cause serious eye irritation.
Respiratory or skin sensitisation	Not classified
Additional information	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Not classified
Additional information	Based on available data, the classification criteria are not met.
Carcinogenicity	Not classified
Additional information	Based on available data, the classification criteria are not met.
Reproductive toxicity	Not classified
Additional information	Based on available data, the classification criteria are not met.
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Additional information	Based on available data, the classification criteria are not met.
Aspiration hazard	Not classified
Additional information	Based on available data, the classification criteria are not met.
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	Not Classified
Hazardous to the aquatic environment, long-term (chronic)	Not Classified

12.2. Persistence and degradability

Persistence and degradability Not established for product. Ethanol does not meet screening criteria.

12.3. Bioaccumulative potential

Bioaccumulative potential Not established for product. Ethanol does not meet screening criteria.

12.4. Mobility in soil

No additional information available.

12.5. Results of PTB and vPvB assessment

No additional information available on product. Ethanol does not meet the screening criteria for persistency nor toxicity so is neither PBT nor vPvB.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100.

12.6. Other adverse effects

Additional information Avoid release to the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product/Packaging disposal recommendations**

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Additional information






Handle empty containers with care because residual vapours are flammable.

Ecology – waste materials

Avoid release to the environment.

SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1170	UN 1170	UN 1170	UN 1170	UN 1170

14.2. UN proper shipping name				
ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Ethyl alcohol solution	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport document description				
UN1170 ETHANOL SOULTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)	UN1170 ETHANOL SOULTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)	UN1170 ETHANOL SOULTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)	UN1170 ETHANOL SOULTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)	UN1170 ETHANOL SOULTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user**Overland transport**

Classification code (ADR)	F1
Special provisions (ADR)	144, 601
Limited quantities (ADR)	1 L
quantities (ADR)	E2
Packing instructions (ADR)	P001, IBC02, R001
Mixed packing provisions (ADR)	MP19
Portable tank and bulk container instructions (ADR)	T4
Portable tank and bulk container special provisions (ADR)	TP1
Tank code (ADR)	LGBF
Vehicle for tank carriage	FL
Transport category (ADR)	2

Special provisions for carriage - Packages (ADR)			
Special provisions for carriage - Operation (ADR)	S2, S20		
Hazard identification number (Kemler No.)	33		
Orange plates	<table border="1"> <tr> <td>33</td> </tr> <tr> <td>1170</td> </tr> </table>	33	1170
33			
1170			
Tunnel restriction code (ADR)	: D/E		
EAC code	: Unavailable		

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

This product is controlled under the Seveso Directive.

Danger Criteria

Category

P5c

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878.

15.1.2 National regulations

United Kingdom

GB Biocidal Product Regulation (GB BPR)

Making available on the market and use of biocidal products.

GB Classification, Labelling and Packaging Regulation as amending EU CLP Regulation

Classification, labelling and packaging of substances and mixtures.

UK Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) regulation including: The REACH etc. (Amendment etc.) (EU Exit) (No. 2) Regulations 2019 The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020

Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The Seveso III Directive came into force on 1 June 2015. To implement this Directive, previous COMAH regulations have been revoked and replaced by the COMAH Regulations 2015. SDS compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

The control of onshore major accident hazards involving dangerous substances.
List entry: FLAMMABLE LIQUIDS; P5c
Qualifying quantity lower tier requirements: 5,000 tonnes
Qualifying quantity upper tier requirements: 50,000 tonnes

Germany

Employment restrictions

Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK)

WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV)

Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen
SZW-lijst van mutagene stoffen

Ethanol is listed
None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

Ethanol is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

Ethanol is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

Ethanol is listed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out by supplier.

SECTION 16: Other information**General information**

Use biocides safely. Always read the label and product information before use.

Data sources

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.

GB Classification, Labelling and Packaging Regulation as amending EU CLP Regulation

ECHA guidance documents.

Classification according to Regulation (EC) No. 1272/2008 [CLP] and/or GB CLP Regulation:	
Flam. Liq. 2	H225
Eye Irritation, Category 2	H319

Full text of H- and EUH-statements:	
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.

Note: 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

Changes – Reviewed and Updated – Version Control	
Version 1	New Document
Version 2	Update to section 2 and section 3 based on Unilever request: Remove precautionary statement: 'P303+P361+P353 -IF ON SKIN (or hair):Take off immediately all contaminated clothing. Rinse skin with water or shower.' Updated Ethanol composition to show content in (v/v). Also updated to show the content in (w/w). Updated composition to show Carbomer content (reduced from 0.27% to 0.24%) to achieve updated viscosity from 5000-15000cps to 4000-10000cps.
Version 3	Update to section2: Remove the following precautionary statements as per Unilever requirement: P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof equipment. Amended P280 – 'Wear protective clothing, eye protection, face protection' to 'Wear protective eye protection.'

Version 4	<p>Updated precautionary statement P501 to add the missing word 'regulations' at the end of the statement.</p> <p>Updated 'Adverse' effect section to align with hazard statements</p> <p>Updated section 11.1 and 16 to align with hazard statements</p> <p>Updated Section 9 as per Commission Regulation (EU) 2020/878</p>
Version 5	Section 3 Updated the composition: Glycerol and Carbomer to only show 'w/w' measure.
Version 6	<p>Section 1 Email updated</p> <p>Section 2 Update on TWD statement</p> <p>Section 7 and 15 updated to show Seveso directive as requested</p>
Version 7	<p>Section 2 Removal of "P370+P378 - In case of fire: Use dry extinguishing powder to extinguish." from Section 2.2 Label Elements.</p> <p>Section 15 Additional details regarding Seveso Directive added as requested</p>