



Unilever Asia Private Limited  
20 Pasir Panjang Road #06-22  
Mapletree Business City  
Singapore 117439

T : (65) 6643 3000  
F : (65) 6570 1090

## SAFETY DATA SHEET

Lifebuoy Pro Sanitising Hand Wipes

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

#### 1.1. Product Identifier

**Product form:** Alcohol Wipe  
**Product name:** Lifebuoy Pro Sanitising Hand Wipes

#### 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  
Identified uses Antibacterial Hand Wipes - 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:**

|                            |   |
|----------------------------|---|
| <b>Operational Address</b> | Unilever UK Limited<br>Springfield Drive<br>KT22 7GR<br>Surrey<br>Leatherhead<br>United Kingdom |
| <b>Telephone</b>           | 0800 776646/ Eire 1850 388 399  |
| <b>Email</b>               | 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 [CLP] - 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 Triangle

Yes – Applicable on the Shelf Ready Primary pack as per Position Statement.  
No – as technically impossible for Single Sachet wipes.

**2.2 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<br>(EC-No.) 200-578-6 | 603-002-00-5                 | TBA                                    | 70 (v/v)  | Flam. Liq. 2, H225<br>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<br>(EC-No.) 200-289-5 | N/A                          | TBA                                    | 1.2 (w/w) | Not classified   | Glycerol 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). Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after inhalation

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

|                                    |  |
|------------------------------------|--|
| First-aid measures after ingestion | irritation persists: If eye irritation persists: Get medical advice/attention. Get medical advice/attention.<br>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. |
|-------------------------|--|

**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 flames and other ignition sources. No smoking. Keep in fireproof place. Keep container tightly closed.  |
| Legislation on the control of major-accident hazards involving dangerous substances | Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.<br>List entry in the directive: FLAMMABLE LIQUIDS; P5c<br>Qualifying quantity lower tier requirements: 5,000 tonnes<br>Qualifying quantity upper tier requirements: 50,000 tonnes |
| Incompatible products   | Strong bases. Strong acids  |
| Incompatible materials  | Sources of ignition. Direct sunlight. Heat sources.   |
| Special rules on packaging  | Keep only in original container.  |
| Packaging materials   | 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 <sup>3</sup> )    | 10 mg/m <sup>3</sup> |

| ETHANOL (64-17-5)                             |                        |
|---|------------------------|
| United Kingdom - Occupational Exposure Limits |                        |
| Local name                                    | Ethanol                |
| WEL TWA (mg/m <sup>3</sup> )                  | 1920 mg/m <sup>3</sup> |
| 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                         | Wipes impregnated with liquid     |
| Colour                                 | Colourless - applicable to liquid |
| Odour                                  | Characteristic                    |
| Odour threshold                        | No data available                 |
| Melting point                          | No data available                 |
| Freezing point                         | No data available                 |
| Boiling point                          | > 35 °C - applicable to liquid    |
| Flammability (gases, liquids & solids) | Highly Flammable Liquid           |

|   |                                    |
|---|------------------------------------|
| Lower and upper explosion limit                   | No data available                  |
| Flash point                                       | < 23 °C - applicable to liquid     |
| Auto-ignition temperature                         | No data available                  |
| Decomposition temperature                         | No data available                  |
| pH  | Approx. 7.5 - applicable to liquid |
| 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 the 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  |
|--|--|--|--|--|
| <b>14.1. UN number</b>   |  |  |  |  |
| UN 3175  | UN 3175  | UN 3175  | UN 3175  | UN 3175  |
| <b>14.2. UN proper shipping name</b>                                       |  |  |  |  |
| Solids containing flammable liquid, n.o.s (Ethanol solution)               | Solids containing flammable liquid, n.o.s (Ethanol solution)               | Solids containing flammable liquid, n.o.s (Ethanol solution)               | Solids containing flammable liquid, n.o.s (Ethanol solution)               | Solids containing flammable liquid, n.o.s (Ethanol solution)               |
| <b>Transport document description</b>                                      |  |  |  |  |
| Solids containing flammable liquid, n.o.s (Ethanol solution), 4.1, II, (E) | Solids containing flammable liquid, n.o.s (Ethanol solution), 4.1, II, (E) | Solids containing flammable liquid, n.o.s (Ethanol solution), 4.1, II, (E) | Solids containing flammable liquid, n.o.s (Ethanol solution), 4.1, II, (E) | Solids containing flammable liquid, n.o.s (Ethanol solution), 4.1, II, (E) |

| 14.3. Transport hazard class(es)  |   |   |  |   |
|---|---|---|--|---|
| 4.1   | 4.1   | 4.1   | 4.1  | 4.1   |
|  |  |  |  |  |
| 14.4. Packing group   |   |   |  |   |
| II  | II  | II  | II   | II  |
| 14.5. Environmental hazards   |   |   |  |   |
| Dangerous for the environment:<br>No  | Dangerous for the environment:<br>No<br><br>Marine pollutant: No                  | Dangerous for the environment:<br>No  | Dangerous for the environment:<br>No   | Dangerous for the environment:<br>No  |
| No supplementary information available  |   |   |  |   |

**Special Provision:** 'ADR/IMDG Special Provision:' 216: Mixtures of solids which are not subject to the requirements of ADR and flammable liquids may be carried under this entry without first applying the classification criteria of Class 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to ADR provided there is no free liquid in the packet or article.

#### **14.6. Special precautions for user**

|                               |                                  |
|-------------------------------|----------------------------------|
| <b>Overland transport</b>     | Not regulated as dangerous goods |
| Limited quantities            | 1 kg                             |
| Excepted quantities           | E2                               |
| Transport category (ADR)      | 2                                |
| Tunnel restriction code (ADR) | (E)                              |
| EAC code                      | 1Z                               |

#### **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.

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

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

#### **Germany**

Employment restrictions

Observe restrictions according Act on the Protection of Working Mothers (MuSchG)

|  |   |
|--|---|
| Water hazard class (WGK)                   | Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)<br>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   | Ethanol is listed                 |
| SZW-lijst van mutagene stoffen  | 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**

|                                |  |
|--------------------------------|--|
| <b>General information</b> 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.<br><br>GB Classification, Labelling and Packaging Regulation as amending EU CLP Regulation.<br>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  | First Issue   |
| Version 2  | Section 1 Email updated<br>Section 2 Update on TWD statement<br>Section 7 and 15 updated to show Seveso Directive as requested  |
| Version 3  | Section 2 Removal of “P370+P378 - In case of fire: Use dry extinguishing powder to extinguish.” from Section 2.2 Label Elements.<br>Section 15 Additional details regarding Seveso Directive added as requested.<br>Section 14 Updated to show ‘Excepted Quantities’ as requested |