



MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION:

Product Name:	LIFEBUOY HAND SANITIZER
Company Name & Address:	Unilever South Africa (Pty)Ltd, 15 Nollsworth Crescent, La Lucia, 4051, South Africa
Effective Date:	January 2020
Consumer Careline number:	0860 572 861

2. INFORMATION ON INGREDIENTS:

HAZARDOUS INGREDIENTS	CAS NUMBER	OSHA PEL	% RANGE
Ethyl Alcohol	64-17-5	1000 ppm	60-75

3. HAZARDS IDENTIFICATION:

<u>EMERGENCY OVERVIEW</u>
When used according to instructions, the product applicable to this MSDS is safe and presents no immediate or long-term health hazard. However, abnormal entry routes, such as gross ingestion, may require immediate medical attention.

Potential Health Effects:

Eye Contact:	May cause eye irritation.
Skin Contact:	No irritation or reaction expected.
Inhalation:	Not applicable.
Ingestion:	May cause upset stomach, nausea (Abnormal entry route).

Carcinogenicity:

Not listed as a carcinogen by NTP, IARC, OSHA or ACGIH.

4. FIRST AID MEASURES:

Eye Contact:

Do not rub eyes. Flush eyes thoroughly with water for 15 minutes. If condition worsens or irritation persists, contact physician.

Skin Contact:

Not applicable.

Inhalation:

Not applicable.

Ingestion:

Do not induce vomiting. Contact a physician or Poison Control Center.

5. FIRE FIGHTING MEASURES:

- **Flammable Properties: (Flash Point: 70F)**
- **Flammability Limits: (LEL: 3.0%/UEL: 20%)**
- **Autoignition Temperature: 800F**
- **Fire Fighting Instructions:** Product is flammable and will burn under normal circumstances. Use fog, foam, fine water spray, dry chemical or CO2.
- **SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter fire without proper protection. Use Spray to cool fire exposed surfaces and to protect personnel. Respiratory protections required for fire department personnel. Releases of flammable vapor, which are heavier than air and travel a considerable distance may burn and explode.

6. ACCIDENTAL RELEASE MEASURES:

- **Small Spill:** Shut off ignition sources, and stop release if possible, otherwise dike or contain spill. Absorb with appropriate absorbent. Clean area of spill and absorbent residue.
- **Large Spill:** Shut off ignition sources, and stop release if possible, otherwise dike or contain spill. Absorb with appropriate absorbent. Collect product into drums or otherwise appropriate containers. Clean area of spill and absorbent residue.

7. HANDLING AND STORAGE:

Keep away from fire or flame. Store at normal room temperature away from reach of small children. Keep containers sealed. Use older containers first. Avoid freezing conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Eye Protection:

None required under normal conditions.

Skin Protection:

None required under normal conditions.

Respiratory Protection:

None required under normal conditions.

Ventilation:

None required under normal conditions.

Protective Equipment or Clothing:

None required under normal conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES:

- **Odor:** To Match Standard

- **Appearance:** Clear Fluid Gel/Liquid
- **pH:** 6.5-7.5
- **Specific Gravity:** 0.8 – 0.9 g/ml
- **Boiling Point :** 170-180F
- **Melting Point/Freezing Point:** -173F
- **Reactivity in water:** Not Reactive, Mixes with water

10. STABILITY AND REACTIVITY:

Stable/Non reactive product. Avoid ignition sources.

11. TOXICOLOGICAL INFORMATION:

No acute or chronic toxic effects expected when used according to directions.

12. ECOLOGICAL CONSIDERATIONS:

No ecological or special considerations when used according to directions. Not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

13. DISPOSAL CONSIDERATIONS:

Characteristic hazardous waste-flammable liquid. Dispose according to local, state and Federal regulations.

14. TRANSPORT INFORMATION:

UNRTDG

UN number: UN 1987

Proper shipping name: ALCOHOLS, N.O.S.

(Ethanol, Propan-2-ol)

Class: 3

Packing group: III

Labels: 3

IATA-DGR

UN/ID No.: UN 1987

Proper shipping name: Alcohols, N.O.S.

(Ethanol)

Class: 3

Packing group: III

Labels: Flammable Liquids

Packing instruction (cargo aircraft): 366

Packing instruction (passenger aircraft): 355

IMDG-Code

UN number: UN 1987

Proper shipping name: ALCOHOLS, N.O.S.

(Ethanol)

Class: 3

Packing group: III

Labels: 3
EmS Code: F-E, S-D
Marine pollutant: no

15. REGULATORY INFORMATION:

The FDA regulates this product in the India. It is a violation of law to use this product in a manner inconsistent with its labeling.

16. OTHER INFORMATION:

The data contained within this MSDS is believed to be accurate and is given in good faith. No warranty, expressed or implied is made. Nothing within this document constitutes medical advice. Since use conditions vary unforeseeably, an industrial health and safety professional should evaluate specific industrial use conditions.