

3L Liquid Hand and Surface Sanitiser

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 30/03/2020

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

1.13 Product Identifier

Product form	: Mixtures
Product name	: Liquid hand and surface sanitiser
Product code	: 8880-241 / 8880-540
Type of product	: Cosmetic
Registration No.	-
Product group	: Product

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

1.2.1 Relevant identified uses

Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: A clear, colourless alcohol-based liquid used for sanitizing hands and/or surfaces

1.2.2. Uses advised against

No additional information available

1.3. Emergency telephone number

In an emergency call NHS direct on 111 who will then (if required) contact the National Poisons Information Service, for specific information regarding this product. If the situation is life threatening call 999.

Country	Organisation/Company	Telephone number
United Kingdom	NHS Direct	111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II) Flammable liquids, Category 2 H225

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available



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2.2. Label elements

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

Hazard Pictograms (CLP)	:		
		GHS 02	GHS 07
Signal word (CLP)	:	Flammable, Harmful	
Hazardous Ingredients:	:	Neutral Grain Spirit	
Hazard Statements (CLP)	:	H225- Highly flammable liquid and vapour	
Precautionary statements (CLP)	:	P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition source. No Smoking P233 – Keep container tightly closed P501 – Store in a well- ventilated place P261 - Avoid breathing mist/vapours P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER or doctor if you feel unwell. P370 - In case of fire: Use water for extinction. P103 - Always read label and product information before use. P102 – Keep out of reach of children P301 - If swallowed seek medical advice immediately and show container.	

2.3 Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Name	Product Identifier	%	Classification
Ethanol; Ethyl Alcohol	CAS- No. 64-17-5 EC-No. 200-578-6	55-70	Flam.Liq.3,H225
Tert- Butanol	CAS-No. 75-65-0 EC- No. N/a	1	Flam.Liq. 2. H225 Acute Tox. 4. (Inhalation), H332 Eye Irrit. 2, H319 STOT SE 3, H335

Full text of H-statements: see section 16

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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 victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: N/A
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause damage to organs (If you feel unwell, seek medical advice)
Symptoms/effects after eye contact	: May cause slight irritation.

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

May be harmful to health if swallowed in large quantities, seek immediate medical attention. Effects may be manifested as severe headache or nausea, and can lead to reduced judgement, dizziness, deficits in perception and coordination, alertness and reaction time. Vomiting may occur spontaneously, but do NOT induce unless directed to by medical personnel. Rinse mouth and drink plenty of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire: 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 Hazard	: 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 Exercise caution when fighting any chemical fire. Prevent fire
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Fighting 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 vapours.

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 also sections 8 and 13. Exposure controls and personal protection. Disposal considerations.

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 : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities storage conditions : keep only in the original

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place.

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Keep container tightly closed.

Incompatible products : Strong bases. Strong

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components

Ethanol (64-17-5)

Long-term exposure limit: (8-hour TWA ref. period): 1000 ppm (1920 mg/m³)

Short-term exposure limit (15 min. ref. period): Not applicable.

tert-Butanol (75-65-0)

Long-term exposure limit: (8-hour TWA ref. period): 100ppm (308mg/m³)

Short-term exposure limit (15 min. ref. period): 150ppm (462 mg/m³)

8.2. Exposure controls

Appropriate engineering controls: Not required for normal conditions of use.

Personal protective equipment: Not required for normal conditions of use.

Hand protection: Not required for normal conditions of use

Eye protection: Not required for normal conditions of use

Skin and body protection: Not required for normal conditions of use

Respiratory protection: Not required for normal conditions of use

Other information: Do not breathe vapours. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
pH	: 6.6-7.4
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 78 °C
Flash point	: 17.9 °C
Auto-ignition temperature	: 365 °C
Flammability (solid, gas)	: Highly flammable liquid and vapour
Relative vapour density at 20 °C	: 1.59
Relative density	: 0.92
Density	: 0.92 g/cm ³
Solubility	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 1.2 cP
Explosive properties	: No data available

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Oxidising properties : Non oxidative

SECTION 10: Stability and reactivity

10.1. Reactivity and chemical stability

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

10.2. Conditions to avoid

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

10.3. Incompatible materials

Strong acids. Strong bases.

10.4. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 7
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified pH: 7
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
	: 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

No additional information available

12.2. Persistence and degradability

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Hand and surface sanitiser – not established

12.3. Bio accumulative potential

Hand and surface sanitiser – not established

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

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 an approved waste disposal plant.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

HP Code : H3-A - 'Highly flammable' :

- liquid substances and preparations having a flash point below 21 °C (including extremely flammable liquids), or
- substances and preparations which may become hot and finally catch fire in contact with air at ambient temperature without any application of energy, or
- solid substances and preparations which may readily catch fire after brief contact with a source of ignition and which continue to burn or to be consumed after removal of the source of ignition, or
- gaseous substances and preparations which are flammable in air at normal pressure, or
- substances and preparations which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities.
- H5 - 'Harmful': substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may involve limited health risks.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN Number

UN-No. (ADR) : 1170

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UN-No. (IMDG)	: 1170
UN-No. (IATA)	: 1170
UN-No. (ADN)	: 1170
UN-No. (RID)	: 1170

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IMDG)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IATA)	: Ethanol solution
Proper Shipping Name (ADN)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (RID)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport document description (ADR)	: UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)
Transport document description (IMDG)	: UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II
Transport document description (IATA)	: UN 1170 Ethanol solution, 3, II
Transport document description (ADN)	: UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II
Transport document description (RID)	: UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II

14.3. Transport hazard class(es)

Transport hazard class(es) (ADR, IMDG,ADN)	: 3		
Danger labels (ADR, IMDG,ADN)	: 3		
Transport hazard class(es) (IATA)	: 3		
Danger labels (IATA)	: 3		
Transport hazard class(es) (RID)	: 3		
Danger labels (RID)	: 3		

14.4. PACKING GROUP

Packing group (ADR,IMDG,IATA,ADN,RID)	: II
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14.5. ENVIRONMENTAL HAZARD

Dangerous for the environment	: No
Marine Pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage – Operation (ADR)	: S2, S20
Hazard identification number (Kemler No.)	: 33

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Orange plates



Tunnel restriction code (ADR) : D/E

EAC code : •2YE

- Transport by sea

Special provisions (IMDG) : 144

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E2

Packing instructions (IMDG) : P001

IBC packing instructions (IMDG) : IBC02

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP1

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-D

Stowage category (IMDG) : A

Properties and observations (IMDG) : Colourless, volatile liquids. Pure ETHANOL: flashpoint 13°C c.c.
Explosive limits: 3.3% to 19% Miscible with water.

- Air transport

PCA Excepted quantities (IATA) : E2

PCA Limited quantities (IATA) : Y341

PCA limited quantity max net quantity (IATA) : 1L

PCA packing instructions (IATA) : 353

PCA max net quantity (IATA) : 5L

CAO packing instructions (IATA) : 364

CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3, A58, 180

ERG code (IATA) : 3L

- Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 144, 61

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E2

Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : F1

Special provisions (RID) : 144, 601

Limited quantities (RID) : 1L

Excepted quantities (RID) : E2

Packing instructions (RID) : P001, IBC02, R001

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T4

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Portable tank and bulk container special provisions (RID) : TP1
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE7
Hazard identification number (RID) : 33

14.7. Transport in bulk according to annex ii of Marpol and the IBC code

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 substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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, amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH- statements:

Flam. Liq. 2.	Flammable liquids, Category 2
Acute Tox. 4. (Inhalation)	Acute toxicity (inhal.), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H332	Harmful if inhaled
H319	Causes serious eye irritation
H335	May cause respiratory irritation

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Before using any product, ensure that you have read and understood its label. The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. VOW Wholesale supply chain does not accept any liability for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.