

# Safety data sheet

## Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 03.03.2021



Version number 1

Revision: 25.02.2021

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

- **1.1 Product identifier**
- **Trade name:** *Hand Cleansing Spray*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** *wash hands*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:**
- **Full address:**
- **Phone number:**
- **Email:**
- **Only Representative / other EU contact point:**  
*FL B.V.  
Het Eek 1 | 4004 LM Tiel | PO Box 300 | 4000 AH Tiel | Nederland*
- **Further information obtainable from:**
- **1.4 Emergency telephone number:**  
*NETHERLANDS  
National Poisons Information Center  
Tel: +31 030-274 88 88*
- **1.5 Reference Number:** *CANCPCH2102249701, XMCPCH210200165*
- **1.6 Remark:**  
*\* This sample is likely to be classified as cosmetic product and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
-  *GHS02 flame*
- *Flam. Liq. 2 H225 Highly flammable liquid and vapour.*
- **Information concerning particular hazards for human and environment:**  
*The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.*
- **Classification system:**  
*The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No. 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms**
-  *GHS02*
- **Signal word** *Danger*
- **Hazard statements**  
*H225 Highly flammable liquid and vapour.*
- **Precautionary statements**
- *P101 If medical advice is needed, have product container or label at hand.*
- *P102 Keep out of reach of children.*

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- P103 *Read label before use.*
- P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
- P240 *Ground and bond container and receiving equipment.*
- P241 *Use explosion-proof [electrical/ventilating/lighting] equipment.*
- P280 *Wear protective gloves/protective clothing/eye protection/face protection.*
- P303+P361+P353 *IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Additional information:**

*Contains Parfum. May produce an allergic reaction.*

· **2.3 Other hazards:**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:**

*Mixture of the substances listed below with nonhazardous additions.*

*For the wording of the listed hazard statements refer to section 16.*

· **Composition:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	Ethanol Flam. Liq. 2, H225	62%
CAS: 7732-18-5 EINECS: 231-791-2	Water	28.3%
CAS: 56-81-5 EINECS: 200-289-5	Glycerol substance with a Community workplace exposure limit	5%
CAS: 57-55-6 EINECS: 200-338-0	Propane-1,2-diol substance with a Community workplace exposure limit	3%
CAS: 85507-69-3 EINECS: 287-390-8	Aloe vera, ext.	1%
	Parfum(MY15-G099 Lemon) Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0.3%
CAS: 59-02-9 EINECS: 200-412-2	$\alpha$ -tocopherol	0.2%
CAS: 9007-16-3	Acrylic acid, polymer with sucrose polyallyl ether Eye Irrit. 2, H319	0.1%
CAS: 102-71-6 EINECS: 203-049-8	2,2',2''-nitrioltriethanol substance with a Community workplace exposure limit	0.1%

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General description:** Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately rinse with water.

· **After eye contact:** Rinse opened eye for several minutes under running water.

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- **After swallowing:** *If symptoms persist consult doctor.*
- **4.2 Most important symptoms and effects, both acute and delayed:**  
*No further relevant information available.*
- **4.3 Indication of any immediate medical attention and special treatment needed:**  
*No further relevant information available.*

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
*CO<sub>2</sub> powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **5.2 Special hazards arising from the substance or mixture:** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**  
*Wear protective equipment. Keep unprotected persons away.*
- **6.2 Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
- **6.3 Methods and material for containment and cleaning up:**  
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.*
- **6.4 Reference to other sections:**  
*See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.*

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:** *For the general occupational hygienic measures refer to Section 8.*
- **Information about fire - and explosion protection:**  
*Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** *Store in a cool location.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**  
*Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.*
- **7.3 Specific end use(s):** *No further relevant information available.*

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### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

##### · **Ingredients with limit values that require monitoring at the workplace:**

###### **64-17-5 Ethanol (62%)**

WEL (Great Britain) Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppmAGW (Germany) Long-term value: 380 mg/m<sup>3</sup>, 200 ppm  
4(II);DFG, YVME (France) Short-term value: 9500 mg/m<sup>3</sup>, 5000 ppm  
Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

###### **56-81-5 Glycerol (5%)**

WEL (Great Britain) Long-term value: 10 mg/m<sup>3</sup>AGW (Germany) Long-term value: 200 E mg/m<sup>3</sup>  
2 (I);DFG, YVME (France) Long-term value: 10 mg/m<sup>3</sup>

###### **57-55-6 Propane-1,2-diol (3%)**

WEL (Great Britain) Long-term value: 474\* 10\*\* mg/m<sup>3</sup>, 150\* ppm  
\*total vapour and particulates \*\*particulates

MAK (Germany) als Dampf und Aerosol;vgl.Abschn.IIb und Xc

###### **102-71-6 2,2',2''-nitrioltriethanol (0.1%)**

AGW (Germany) Long-term value: 1 E mg/m<sup>3</sup>  
1(I);DFG, Y

#### · **Regulatory information**

WEL (Great Britain): EH40/2018

AGW (Germany): TRGS 900

VME (France): ED 984, 10.2016

MAK (Germany): MAK- und BAT-Liste

· **DNELs:** Not available· **PNECs:** Not available· **Additional information:** The lists valid during the making were used as basis.

#### · 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

##### · **Appropriate engineering controls:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

See Section 7 for information about design of technical facilities.

##### · **Personal protective equipment**

· **Respiratory protection:** Not required.· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

##### · **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several

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substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **Appearance**

Form: Liquid

Colour: Colourless

· **Odour:** Lemon

· **Odour threshold:** Not available

· **pH-value:** Not available

· **Change in condition**

Melting point/Freezing point: Not available

Initial boiling point and boiling range: Not available

· **Flash point:** Not available

· **Flammability (solid, gas):** Not available

· **Auto-ignition temperature:** Not available

· **Decomposition temperature:** Not available

· **Self-igniting:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits**

Lower: Not available

Upper: Not available

· **Oxidising properties:** Not available

· **Vapour pressure:** Not available

· **Density:** Not available

· **Relative density:** Not available

· **Vapour density:** Not available

· **Evaporation rate:** Not available

· **Solubility in / Miscibility with**

water: Not available

· **Partition coefficient: n-octanol/water:** Not available

· **Viscosity**

Dynamic: Not available

Kinematic: Not available

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- **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity:** Data not available
- **10.2 Chemical stability:** Data not available
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

#### 64-17-5 Ethanol

Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

#### 56-81-5 Glycerol

Oral	LD50	12,600 mg/kg (rat)
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#### 57-55-6 Propane-1,2-diol

Oral	LD50	20,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)

#### 102-71-6 2,2',2''-nitrilotriethanol

Oral	LD50	8,000 mg/kg (rat)
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- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**  
 Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |  |   |
|--|---|
| · <b>14.1 UN-Number</b>  |   |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   | UN1993  |
| · <b>14.2 UN proper shipping name</b>  |   |
| · <b>ADR/RID/ADN, IMDG</b>   | FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL))  |
| · <b>IATA</b>  | FLAMMABLE LIQUID, N.O.S. (ETHANOL)  |
| · <b>14.3 Transport hazard class(es)</b>   |   |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   |   |
|  |                              |
| · <b>Class</b>   | 3 Flammable liquids.  |
| · <b>Label</b>   | 3   |
| · <b>14.4 Packing group</b>  |   |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   | II  |
| · <b>14.5 Environmental hazards</b>  | Not applicable  |
| · <b>14.6 Special precautions for user:</b>                                      | Warning: Flammable liquids.   |
| · <b>Danger code (Kemler):</b>   | 33  |
| · <b>EMS Number:</b>   | F-E, <u>S-E</u>   |
| · <b>Stowage Category</b>  | B   |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable  |
| · <b>14.8 Transport/Additional information:</b>                                  |   |
| · <b>ADR/RID/ADN</b>   |   |
| · <b>Limited quantities (LQ):</b>  | 1L  |
| · <b>Excepted quantities (EQ)</b>  | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <b>Transport category:</b>   | 2   |

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· <b>Tunnel restriction code:</b>	D/E
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL)), 3, II

### SECTION 15: Regulatory information

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

##### · MAK(German Maximum Workplace Concentration)

64-17-5 Ethanol

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- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**

##### · SVHC Candidate List of REACH Regulation Annex XIV Authorisation (19/1/2021)

None of the ingredients is listed

##### · REACH Regulation Annex XVII Restriction (25/1/2021)

See Section 16 for information about restriction of use.

None of the ingredients is listed

##### · REACH Regulation Annex XIV Authorisation List (6/2/2020)

None of the ingredients is listed

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

#### · Relevant hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

#### · Classification according to Regulation (EC) No. 1272/2008

Flammable liquids | Bridging principles

\*\*\*\*\*

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

#### DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reason, we do not assume responsibility and expressly disclaim liability

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for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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