



# alcohol-based sanitiser gel

Transport and storage datasheet

Sheet dated 2/3/2020, version 1

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

### 1.1. Product identifier

Mixture identification

Trade name:

HAND SANITISER – GEL VERSION

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

Recommended use:

Hand gel no rinse.

Uses advised against:

Different uses than recommended. Do not use in combination with other products.

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture



Danger, Flam. Liq. 2, Highly flammable liquid and vapour.



Warning, Eye Irrit. 2, Causes serious eye irritation.

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## SECTION 3: Composition/information on ingredients

### 3.1 Hazardous components within the meaning of the CLP regulation and related classification:

>= 60% - < 80% ETHANOL

REACH No.: 01-2119457610-43, Index number: 603-002-00-5, CAS: 64-17-5, EC: 200-578-6



2.6/2 Flam. Liq. 2 H225



3.3/2 Eye Irrit. 2 H319

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## SECTION 4: Firefighting measures

### 4.1. Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons: None in particular.



#### 4.2 Special hazards arising from the substance or mixture

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

#### 4.3 Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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### SECTION 5: Accidental release measures

#### 5.1. Personal precautions, protective equipment and emergency procedures For non emergency personnel:

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety. For

emergency responders:

Wear personal protection equipment.

#### 5.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

#### 5.3. Methods and material for containment and cleaning up

Wash with plenty of water. To converge the product in containment tanks.

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### SECTION 6: Handling and storage

#### 6.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists. Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment. Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working.

#### 6.2. Conditions for safe storage, including any incompatibilities Store away from sunlight.

Store in a cool and well ventilated place.

Do not store in open or unlabeled containers. Store away from heat sources.

Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

#### 6.3. Specific end use(s)

None in particular, see paragraph 1.2



## SECTION 7: Exposure controls/personal protection

### 7.1. Control parameters

Below, listed occupational exposure limits, if available, for the components listed in section 3:

ETHANOL - CAS: 64-17-5

EU - TWA(8h): 1920 mg/m<sup>3</sup>, 1000 ppm - Notes: WEL

ACGIH - STEL: 1000 ppm - Notes: A3 - URT irr

### DNEL Exposure Limit Values

Below, listed the DNEL exposure limits, if available, for the components listed in section 3.

ETHANOL - CAS: 64-17-5

Worker Industry: 1900 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 950 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 343 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

### PNEC Exposure Limit Values

Below, listed the PNEC exposure limits, if available, for the components listed in section 3.

ETHANOL - CAS: 64-17-5

Target: Marine water - Value: 0.79 mg/l Target:

Fresh Water - Value: 0.96 mg/l

Target: Marine water sediments - Value: 2.9 mg/kg Target:

Soil (agricultural) - Value: 0.63 mg/kg Target: Freshwater sediments - Value: 3.6 mg/kg

## SECTION 8: Physical and chemical properties

### 8.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Clear gel, colourless	Visual	--
Odour:	Scented	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	6,5 +/- 0,5	Instrumental control	--
Initial boiling point and boiling range:	>78	--	Estimated value on chemical / physical properties of components
Flash point:	13 ° C	--	Estimated value on chemical / physical properties of components
Relative density:	0.86 +/- 0.01 g/ml	Instrumental control	--
Solubility in water:	Complete	--	Estimated value on chemical / physical properties of components
Solubility in oil:	Partial	--	Estimated value on chemical / physical properties of components
Partition coefficient (n-octanol/water):	< 1000	--	Value estimated based on the solubility of the mixture.
Viscosity:	12500 +/- 2500 cP	Instrumental control	--
Explosive properties:	Not Relevant	--	Parameter not relevant for product composition.
Oxidizing properties:	Not Relevant	--	Parameter not relevant for product composition.



## SECTION 9: Transport information



### 9.1. UN number

ADR-UN Number: 1993  
 IATA-UN Number: 1993  
 IMDG-UN Number: 1993

### 9.2. UN proper shipping name

ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S.( Viscous liquid containing ETHANOL)  
 IATA-Shipping Name: FLAMMABLE LIQUID, N.O.S.( Viscous liquid containing ETHANOL)  
 IMDG-Shipping Name: FLAMMABLE LIQUID, N.O.S.( Viscous liquid containing ETHANOL)

### 9.3. Transport hazard class(es)

ADR-Class: 3  
 ADR - Hazard identification number: - IATA-  
 Class: 3  
 IATA-Label: 3  
 IMDG-Class: 3

### 9.4. Packing group

ADR-Packing Group: III  
 IATA-Packing group: III  
 IMDG-Packing group: III

### 9.5. Environmental hazards

ADR-Environmental Pollutant: No IMDG-  
 Marine pollutant: No

### 9.6. Special precautions for user

ADR-Subsidiary hazards: -  
 ADR-S.P.: 274 601  
 ADR-Transport category (Tunnel restriction code): 3 (E) IATA-  
 Passenger Aircraft: 355  
 IATA-Subsidiary hazards: - IATA-  
 Cargo Aircraft: 366  
 IATA-S.P.: -  
 IATA-ERG: 3L  
 IMDG-EmS: F-E , S-E  
 IMDG-Subsidiary hazards: -  
 IMDG-Stowage and handling: Category A IMDG-  
 Segregation: -  
 IMDG-SP 223 274 955

### 9.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable

