

## HYGEL – Hand Cleaner Gel

Rev. 2020-04-15

prt. 2020-04-27

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier:**

**Commercial name :** HYGEL (ref. VS120E – VS250E – VS500E – VS02XLE – VS03XLDE – VS05XLE)

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

**Relevant uses:** Cleaner

**Uses advised against:** All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**

**Producer and supplier:** Etelec Italia S.p.A.

**Address:** Via D. Roberto, 40

**CAP / City / Nation:** 80143, Napoli Italia

**Phone:** + 39 081 5846610

**Telefax:** + 39 081 2587166

**E-mail:** [etelec@etelec.it](mailto:etelec@etelec.it)

**1.4 Emergency telephone number:**

Phone: 00 39 081 5846610

### SECTION 2: HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture:**

**CLP Regulation (EC) No 1272/2008:**

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Irrit. 2: Eye irritation, Category 2, H319

Flam. Liq. 2: Flammable liquids, Category 2, H225

**2.2 Label elements:**

**CLP Regulation (EC) No 1272/2008:**

Danger



**Hazard statements:**

Eye Irrit. 2: H319 - Causes serious eye irritation

Flam. Liq. 2: 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

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P370+P378: In case of fire: Use ABC powder extinguisher to extinguish

P501: Dispose of contents/container according to the separated collection system used in your municipality

**2.3 Other hazards:**



Product fails to meet PBT/vPvB criteria

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.1</b>	<b>Substance:</b>	Not applicable		
<b>3.2</b>	<b>Mixture:</b>			
	<b>Chemical description:</b>	Alcohols		
	<b>Components:</b>	In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:		

Identification	Chemical name/Classification			Conc.
CAS: 64-17-5 EC: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43-XXXX	Ethanol <sup>(1)</sup>			40 – < 50 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Danger		
CAS: 64-17-5 EC: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43-XXXX	Propan-2-ol <sup>(1)</sup>			10 – < 15 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Danger  STOT SE 3: H336 - Danger		

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

**Other information:**

Identification	Specific concentration limit
Ethanol CAS: 64-17-5 EC: 200-578-6	% (w/w) >=50: Eye Irrit. 2 - H319

### SECTION 4: FIRST AID MEASURES

<b>4.1</b>	<b>Description of first aid measures:</b>	The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.  <b>By inhalation:</b> This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.  <b>By skin contact:</b> In case of prolonged and continuous contact is recommended to clean the affected area with plenty of water and neutral soap. In case of skin changes ( burning, redness, rash, blisters) seek medical attention with this safety data sheet.  <b>By eye contact:</b> Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.  <b>By ingestion/aspiration:</b> In case of consumption, seek immediate medical assistance showing the SDS for the product.
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed:</b>	Acute and delayed effects are indicated in sections 2 and 11..
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed:</b>	Not applicable

### SECTION 5: FIREFIGHTING MEASURES

<b>5.1</b>	<b>Extinguishing media:</b>	If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO <sub>2</sub> ). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture:</b>	

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

### 6.3 Methods and material for containment and cleaning up:

#### It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A - A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

#### B - Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided..

#### C - Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### D - Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

### 7.2 Conditions for safe storage, including any incompatibilities:

#### A - Technical measures for storage

Minimum Temp.: 5 °C

Minimum Temp.: 25 °C

#### B - General conditions for storage

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace  
There are no occupational exposure limits for the substances contained in the product

#### DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Ethanol CAS: 64-17-5 EC: 200-578-6	Oral	Not applicable	Not applicable	Not applicable	Not applicable
	Dermal	Not applicable	Not applicable	343 mg/kg	Not applicable
	Inhalation	Not applicable	1900 mg/m <sup>3</sup>	950 mg/m <sup>3</sup>	Not applicable
Propan-2-ol CAS: 67-63-0 EC: 200-661-7	Oral	Not applicable	Not applicable	Not applicable	Not applicable
	Dermal	Not applicable	Not applicable	888 mg/kg	Not applicable
	Inhalation	Not applicable	Not applicable	500 mg/m <sup>3</sup>	Not applicable

#### DNEL (Population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Alcol etilico CAS: 64-17-5 EC: 200-578-6	Oral	Not applicable	Not applicable	87 mg/kg	Not applicable
	Dermal	Not applicable	Not applicable	206 mg/kg	Not applicable
	Inhalation	Not applicable	950 mg/m <sup>3</sup>	114 mg/m <sup>3</sup>	Not applicable
Alcol isopropilico CAS: 67-63-0 EC: 200-661-7	Oral	Not applicable	Not applicable	26 mg/kg	Not applicable
	Dermal	Not applicable	Not applicable	319 mg/kg	Not applicable
	Inhalation	Not applicable	Not applicable	89 mg/m <sup>3</sup>	Not applicable

#### PNEC:

Identification					
Ethanol CAS: 64-17-5 EC: 200-578-6	STP	580 mg/L	Fresh water		0,96 mg/L
	Soil	Not applicable	Marin water		0,79 mg/L
	Intermittent	2,75 mg/L	Sediment (Fresh water)		3,6 mg/kg
	Oral	720 g/kg	Sediment (Marin water)		Not applicable
Propan-2-ol CAS: 67-63-0 EC: 200-661-7	STP	2251 mg/L	Fresh water		140,9 mg/L
	Soil	28 mg/kg	Marin water		140,9 mg/L
	Intermittent	140,9 mg/L	Sediment (Fresh water)		552 mg/kg
	Oral	160 g/kg	Sediment (Marin water)		552 mg/kg

### 8.2 Exposure controls:

#### A - Respiratory protection

No special protections are necessary during normal use of the product; In case of handling of large quantities and in situation which may involve the formation of vapors / aerosols wear appropriate filtering facepieces.

#### B - Ocular and facial protection

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

No special protections are necessary during normal use of the product. In case of prolonged contact and handling of large quantities, wear safety glasses. (EN 166)

### C - Environmental exposure controls:

Do not allow the product to reach surface or groundwater

### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply) :	60,01 % weight
V.O.C Density at 20° C:	526,59 kg/m <sup>3</sup> (526,59 g/L)
Average carbon number:	2,2
Average molecular weight:	48,9 g/mol

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

<b>Appearance:</b>	
Physical state at 20 °C:	Liquid
Appearance:	Liquid gel
Colour:	Trasparent
Odour:	Typical
Odour threshold:	Not applicable*
<b>Volatility:</b>	
Boiling point at atmospheric pressure:	86 °C
Vapour pressure at 20 °C:	3858 Pa
Vapour pressure at 50 °C:	142,69 (19,02 kPa)
Evaporation rate at 20 °C:	Not applicable*
<b>Product description:</b>	
Density at 20 °C:	877,5 kg/m <sup>3</sup>
Relative density at 20 °C:	0,878
Dynamic viscosity at 20 °C:	Not applicable*
Kinematic viscosity at 20 °C:	Not applicable*
Kinematic viscosity at 40 °C:	Not applicable*
Concentration:	Not applicable*
pH:	7
Vapour density at 20 °C:	Not applicable*
Partition coefficient n-octanol/water 20 °C:	Not applicable*
Solubility properties:	Not applicable*
Decomposition temperature:	Not applicable*
Melting point/freezing point:	Not applicable*
Explosive properties:	Not applicable*
Oxidizing proprieties:	Not applicable*

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

<b>Flammability:</b>	
Flash Point:	22 °C
Flammability (solid, gas):	Not applicable*
Autoignition temperature:	324 °C
Lower flammability limit:	Not available
Upper flammability limit:	Not available

<b>Explosive:</b>	
Lower explosive limit:	Not applicable *
Upper explosive limit:	Not applicable *

<b>9.2 Other information:</b>	
Surface tension at 20 °C:	Not applicable *
Refraction index:	Not applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**  
No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.
- 10.2 Chemical stability:**  
Chemically stable under the conditions of storage, handling and use.
- 10.3 Possibility of hazardous reactions:**  
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
- 10.4 Conditions to avoid:**  
Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

#### 10.5 Incompatible materials

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

- 10.6 Hazardous decomposition products:**  
See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects:**  
The experimental information related to the toxicological properties of the product itself is not available
- Dangerous health implications:**  
In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:
- A - Ingestion (acute effect):**
- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**B - Inhalation (acute effect):**

Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**C - Contact with the skin and the eyes (acute effect):**

Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.

Contact with the eyes: Produces eye damage after contact.

**D - CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.

IARC: Hydrogen peroxide solution (3); Propan-2-ol (3); 2,2',2''-nitrioltriethanol (3); Diethanolamine (2B)

Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**E - Sensitizing effects:**

Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.

Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**F - Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met

**G - Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**H - Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**Other information:** Not applicable

**Specific toxicology information on the substances**

Identification	Acute toxicity		Genus
Porpan-2-ol CAS: 67-63-0 EC: 200-661-7	<b>DL50 oral</b>	5280 mg/kg	Rat
	<b>DL50 dermal</b>	12800 mg/kg	Rat
	<b>CL50 inhalation</b>	72,6 mg/L (4 h)	Rat
Ethanol CAS: 64-17-5 EC: 200-578-6	<b>DL50 oral</b>	6200 mg/kg	Rat
	<b>DL50 dermal</b>	20000 mg/kg	Rabbit
	<b>CL50 inhalation</b>	124,7 mg/L (4 h)	Rat

<b>Acute Toxicity Estimate (ATE mix):</b>		
<b>ATE mix</b>		<b>Ingredient(s) of unknown toxicity</b>
<b>oral</b>	>2000 mg/kg (Calculation method)	Not applicable
<b>dermal</b>	>2000 mg/kg (Calculation method)	Not applicable
<b>inhalation</b>	>20 mg/L (4 h) (Calculation method)	Not applicable

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

<b>Identification</b>	<b>Acute toxicity</b>		<b>Species</b>	<b>Genus</b>
Ethanol CAS: 64-17-5 EC: 200-578-6	<b>LC50</b>	9640 mg/L (96 h)	Pimephales promelas	Fish
	<b>EC50</b>	13299 mg/L (48 h)	Daphnia magna	Crustacean
	<b>EC50</b>	1000 mg/L (72 h)	Scenedesmus subspicatus	Algae
Porpan-2-ol CAS: 67-63-0 EC: 200-661-7	<b>LC50</b>	11000 mg/L (96 h)	Alburnus alburnus	Fish
	<b>EC50</b>	9268 mg/L (48 h)	Daphnia magna	Crustacean
	<b>EC50</b>	1450 mg/L (192 h)	Microcystis aeruginosa	Algae

**12.2 Persistence and degradability:**

<b>Identification</b>	<b>Degradability</b>		<b>Biodegradability</b>	
Porpan-2-ol CAS: 67-63-0 EC: 200-661-7	<b>BOD5</b>	1,19 g O <sub>2</sub> /g	<b>Concentration</b>	100 mg/L
	<b>COD</b>	2,23 g O <sub>2</sub> /g	<b>Period</b>	14 days
	<b>BOD5/COD</b>	0,53	<b>% Biodegradable</b>	84 %
Ethanol CAS: 64-17-5 EC: 200-578-6	<b>BOD5</b>	Not applicable	<b>Concentration</b>	100 mg/L
	<b>COD</b>	Not applicable	<b>Period</b>	14 days
	<b>BOD5/COD</b>	0,57	<b>% Biodegradable</b>	89 %

**12.3 Bioaccumulative potential:**

<b>Identification</b>	<b>Bioaccumulation potential</b>	
Porpan-2-ol CAS: 67-63-0 EC: 200-661-7	<b>BCF</b>	3
	<b>Log POW</b>	0,05
	<b>Potential</b>	Low
Ethanol CAS: 64-17-5 EC: 200-578-6	<b>BCF</b>	3
	<b>Log POW</b>	-0,31
	<b>Potential</b>	Low

**12.4 Mobility in soil:**



Not available

<b>Identification</b>	<b>Absorption/desorption</b>		<b>Volatility</b>	
Ethanol CAS: 64-17-5 EC: 200-578-6	<b>Koc</b>	1,5	<b>Henry</b>	8,207 <sup>-1</sup> Pa·m <sup>3</sup> /mol
	<b>Conclusion</b>	Molto alto	<b>Dry soil</b>	Yes
	<b>Surface Tension</b>	2,24 <sup>-2</sup> N/m (25 °C)	<b>Moist soil</b>	Yes
Porpan-2-ol CAS: 67-63-0 EC: 200-661-7	<b>Koc</b>	1	<b>Henry</b>	4,61 <sup>-1</sup> Pa·m <sup>3</sup> /mol
	<b>Conclusion</b>	Molto alto	<b>Dry soil</b>	Yes
	<b>Surface Tension</b>	2,339 <sup>-2</sup> N/m (25 °C)	<b>Moist soil</b>	Yes




<b>12.5</b>	<b>Results of PBT and vPvB assessment:</b>	Product fails to meet PBT/vPvB criteria
<b>12.6</b>	<b>Other adverse effects:</b>	Not described

SECTION 13: DISPOSAL CONSIDERATIONS		
<b>13.1 Waste treatment methods:</b>		
Code	Description	Waste class (Regulation (EU) No1357/2014)
20 01 29*	detergents containing hazardous substances	Dangerous
<b>Type of waste (Regulation (EU) No 1357/2014):</b>		HP3 Flammable, HP4 Irritant
<b>Waste management (disposal and evaluation):</b>		
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.		
<b>Regulations related to waste management:</b>		
In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated		
Community legislation:		Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION	
<b>Transport of dangerous goods by land:</b>	
With regard to ADR 2019 and RID 2019:	
<b>14.1 UN number:</b>	UN1987
<b>14.2 UN proper shipping name:</b>	ALCOHOLS, N.O.S. (Ethanol)
<b>Transport hazard class(es):</b>	3
<b>14.3</b>	
Labels:	3
<b>14.4 Packing group:</b>	II
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user</b>	
Special regulations:	274, 601, 640D
Tunnel restriction code:	D/E
Physico-Chemical properties:	See section 9
LQ:	1 L
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable
<b>Transport of dangerous goods by sea:</b>	
With regard to IMDG 38-16:	
<b>14.1 UN number:</b>	UNI 1987
<b>14.2 UN proper shipping name:</b>	ALCOHOLS, N.O.S. (Ethanol)
<b>Transport hazard class(es):</b>	3
<b>14.3</b>	
Labels:	3
<b>14.4 Packing group:</b>	II

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

<b>14.5</b>	<b>Environmental hazards:</b>	No
<b>14.6</b>	<b>Special precautions for user</b>	
	Special regulations:	274
	Codes EmS:	F-E, S-D
	Physico-Chemical properties:	see section 9
	LQ:	1 L
<b>14.7</b>	<b>Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable 9
	<b>Transport of dangerous goods by air:</b>	
<b>14.1</b>	<b>UN number:</b>	UNI 1987
<b>14.2</b>	<b>UN proper shipping name:</b>	ALCOHOLS, N.O.S. (Ethanol)
	<b>Transport hazard class(es):</b>	3
<b>14.3</b>	<b>Labels:</b>	3
<b>14.4</b>	<b>Packing group:</b>	II
<b>14.5</b>	<b>Environmental hazards:</b>	No
<b>14.6</b>	<b>Special precautions for user</b>	
	Physico-Chemical properties:	Physico-Chemical properties:
<b>14.7</b>	<b>Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable 9

### SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**  
 Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Hydrogen peroxide solution, Ethanol.

**Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):**  
 Not applicable

**Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:**  
 Not applicable

**Regulation (EC) No 1005/2009, about substances that deplete the ozone layer:**  
 Not applicable

Article 95, REGULATION (EU) No 528/2012: Ethanol (Product-type 1, 2, 4, 6) ; Propan-2-ol (Product-type 1, 2, 4)

**REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:**  
 Not applicable

**Regulation (EC) No 648/2004 on detergents:**  
 In accordance with this regulation the product complies with the following:

**Labelling for contents:**

Component	Concentration interval
Oxygen-based bleaching agents	% (w/w) < 5

**Seveso III:**

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c		5000	50000

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

### **Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- “whoopee” cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:

‘For professional users only’.

### **Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

### **Other legislation:**

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII
- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

### **15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

## SECTION 16: OTHER INFORMATION

### **Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

### **Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Not applicable

### **Texts of the legislative phrases mentioned in section 2:**

H319: Causes serious eye irritation

H225: Highly flammable liquid and vapour

### **Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the

### **CLP Regulation (EC) No 1272/2008:**

Eye Irrit. 2: H319 - Causes serious eye irritation

Flam. Liq. 2: H225 - Highly flammable liquid and vapour

STOT SE 3: H336 - May cause drowsiness or dizziness

### **Classification procedure:**

Eye Irrit. 2: Calculation method

Flam. Liq. 2: Calculation method (2.6.4.3)

### **Advice related to training:**

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

## Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EC, 2015/830/EU

### Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

### Abbreviations and acronyms:

- ADR	European agreement concerning the international carriage of dangerous goods by road
- IMDG	international carriage of dangerous goods by road
- IATA	International Air Transport Association
- ICAO	International Civil Aviation Organisation
- COD	Chemical Oxygen Demand
- BOD5	5-day biochemical oxygen demand
- BCF	Bioconcentration factor
- DL50	Lethal Dose 50
- CL50	Lethal Concentration 50
- EC50	Effective concentration 50
- Log POW	Octanol-water partition coefficient
- Koc:	Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

**- End of safety data sheet**