

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : ENZISURF HIGH  
UFI : V44P-Q437-H00F-FEKW  
Product code : OL52404  
Type of product : Detergent

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

OneLIFE S.A.  
Avenue Albert Einstein, 15  
B-1348 Louvain-la-Neuve - Belgium  
T +32 (0)10 48 34 27 - F +32 (0)10 45 63 63  
[info@onelife-bf.com](mailto:info@onelife-bf.com) - [www.onelife-bf.com](http://www.onelife-bf.com)

#### 1.4. Emergency telephone number

Emergency number : Int+32-70-245.245

Country	Organisation/Company	Address	Emergency number	Comment
	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation.

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Precautionary statements (CLP) : P280 - Wear eye protection, face protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanol; ethyl alcohol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	5 - 15	Flam. Liq. 2, H225 Eye Irrit. 2, H319

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If on skin, take off contaminated clothing. IF exposed or if you feel unwell: Get medical advice/attention. If possible show this sheet to the doctor, if not available show packaging or label.

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Rinse immediately with plenty of water. Remove contaminated clothing and shoes.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion : Rinse mouth. Get medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : Cough.

Symptoms/effects after skin contact : Redness. Contact during a long period may cause light irritation.

Symptoms/effects after eye contact : Redness, pain.

Symptoms/effects after ingestion : Abdominal pain, nausea. Gastrointestinal complaints.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

Unsuitable extinguishing media : None.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.

Explosion hazard : Product is not explosive.

### 5.3. Advice for firefighters

Precautionary measures fire : [In case of inadequate ventilation] wear respiratory protection.

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- Firefighting instructions : Exercise caution when fighting any chemical fire.  
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 : Evacuate area. Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Personal protection. See Heading 8.  
Emergency procedures : Evacuate unnecessary personnel. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection. Personal protection. See Heading 8.  
Emergency procedures : Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

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

- For containment : Dike the product for recovery.  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.  
Other information : Spill area may be slippery.

#### 6.4. Reference to other sections

See Heading 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not eat, drink or smoke when using this product.  
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product.

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

- Technical measures : Keep out of reach of children.  
Storage conditions : Store in original container. Protect from heat and direct sunlight.  
Storage temperature : 4 – 25 °C  
Heat and ignition sources : Store away from direct sunlight or other heat sources.  
Storage area : Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.  
Packaging materials : PEHD.

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

Cleaning/washing agents.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### ethanol; ethyl alcohol (64-17-5)

##### Belgium - Occupational Exposure Limits

Local name	Alcool éthylique # Ethanol
Limit value [mg/m <sup>3</sup> ]	1907 mg/m <sup>3</sup>

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### ethanol; ethyl alcohol (64-17-5)

Limit value [ppm]	1000 ppm
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## 8.2. Exposure controls

### Appropriate engineering controls:

Provide local exhaust or general room ventilation.

### Materials for protective clothing:

No special clothing/skin protection equipment is recommended under normal conditions of use

### Hand protection:

In case of repeated or prolonged contact wear gloves. (EN 374)

### Eye protection:

Chemical goggles or safety glasses. Eye protection (standard EN 166)

### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

### Respiratory protection:

None necessary.

### Thermal hazard protection:

No specific measures are necessary.

### Environmental exposure controls:

Do not allow product to spread into the environment.

### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless.
Odour	: Citrus fruits.
Odour threshold	: Not tested
pH	: 8,25 – 9,25
Relative evaporation rate (butylacetate=1)	: Not tested
Relative evaporation rate (ether=1)	: Not tested
Melting point	: The product has not been tested
Freezing point	: The product has not been tested
Boiling point	: The product has not been tested
Flash point	: The product has not been tested
Critical temperature	: The product has not been tested
Auto-ignition temperature	: Not applicable
Decomposition temperature	: The product has not been tested
Flammability (solid, gas)	: Not applicable Non flammable.
Vapour pressure	: Not tested
Vapour pressure at 50 °C	: The product has not been tested
Critical pressure	: The product has not been tested
Relative vapour density at 20 °C	: The product has not been tested
Relative density	: 0,95 – 1,05

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Relative density of saturated gas/air mixture	: Not applicable
Density	: Not applicable
Relative gas density	: Not applicable
Solubility	: Material highly soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: The product has not been tested
Partition coefficient n-octanol/water (Log Kow)	: The product has not been tested
Viscosity, kinematic	: No data available
Viscosity, dynamic	: The product has not been tested
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal conditions.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

In the event of fire, may decompose : Carbon dioxide. Carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### ethanol; ethyl alcohol (64-17-5)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 20 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 8,25 – 9,25
Serious eye damage/irritation	: Causes serious eye irritation. pH: 8,25 – 9,25
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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ethanol; ethyl alcohol (64-17-5)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

ethanol; ethyl alcohol (64-17-5)	
LC50 fish 1	> 100 mg/l <i>Leuciscus idus</i> (golden orfe) (48 Hours)
EC50 Daphnia 1	> 100 mg/l <i>Daphnia magna</i> ( 24 Hours)
EC50 72h algae (1)	> 100 mg/l
EC50, daphnia	> mg/l (Hours)

### 12.2. Persistence and degradability

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Persistence and degradability	No information available.

ethanol; ethyl alcohol (64-17-5)	
Biodegradation	> 100 % (OECD 301D method)

### 12.3. Bioaccumulative potential

ENZISURF HIGH	
Partition coefficient n-octanol/water (Log Pow)	The product has not been tested
Partition coefficient n-octanol/water (Log Kow)	The product has not been tested
Bioaccumulative potential	Slightly or not bioaccumulative.

ethanol; ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	- 0,35

### 12.4. Mobility in soil

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Ecology - soil	Soluble in water.

### 12.5. Results of PBT and vPvB assessment

ENZISURF HIGH	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Refer to manufacturer/supplier for information on recovery/recycling.
Sewage disposal recommendations	: May be discharged to wastewater treatment installation.
Product/Packaging disposal recommendations	: When totally empty, containers are recyclable like any other packing.
European List of Waste (LoW) code	: 20 01 30 - detergents other than those mentioned in 20 01 29
R code/ D code	: D9 - Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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### 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 substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Allergenic fragrances > 0,01%:

(R)-p-mentha-1,8-diene; d-limonene

Detergent Regulation (648/2004/EC): Labelling of contents:

Component	%
non-ionic surfactants	<5%
enzymes	
perfumes	
LIMONENE	

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

### SECTION 16: Other information

#### Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.