

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Hygel LE375C

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Process aid industrial applications

##### 1.2.2. Uses advised against

No additional information available

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

DERYPOL, S.A HQ:	Manufacturing:
C/Plató, n 6, Entlo, 5	C/Cal Gabatx, s/n
08021 Barcelona (Spain)	08520 Les Franqueses del Vallès (Spain)
Tel. +34 93 238 9090	Tel. +34 93 8496188
	regulatory@derypol.com

#### 1.4. Emergency telephone number

Emergency number : +34 93 849 6188  
9:00-13:00 h 15:00-17:00 h (GMT + 1)

### 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, 2020/878 (REACH Annex II)

Not classified

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

No additional information available

#### 2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

Other hazards which do not result in classification : Spills will produce extremely slippery surfaces in case of contact with water.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

#### Component

C11-C14 ethoxylated isoalcohols, rich in C13(78330-21-9)	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
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### 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]
C11-C14 ethoxylated isoalcohols, rich in C13	CAS-No.: 78330-21-9 EC-No.: Polymer REACH-no: No applicable (Polímero)	<6	Eye Dam. 1, H318 Aquatic Chronic 3, H412
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	CAS-No.: 246538-78-3 EC-No.: 920-901-0 REACH-no: 01-2119456810-40	< 3	Asp. Tox. 1, H304

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: In case of trouble go to the open air.
First-aid measures after skin contact	: Rinse the skin affected with plenty of water. Then wash it again with water and soap. In case of irritation, if it persists, get medical advice.
First-aid measures after eye contact	: Rinse thoroughly with plenty of water, also under eyelids, at least for 15 minutes. Get medical assistance. It is necessary having a safety shower in the work area.
First-aid measures after ingestion	: Do NOT induce vomiting. Get immediate medical advice/attention.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

None under normal conditions.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Water, water spray, dry powder, carbon dioxide (CO <sub>2</sub> ), foam.
Unsuitable extinguishing media	: None.

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

Fire hazard	: Some hazardous gases can be released, mainly: carbon oxides (Cox) and nitrogen oxides (Nox). In case of combustion in a poor oxygen atmosphere some vapors of hydrochloric acid and hydrocyanic acid can be formed.
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#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray to cool exposed surfaces. Fight fire from safe distance and protected location. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Self-contained breathing apparatus.
Other information	: Spills produce extremely slippery surfaces.

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### SECTION 6: Accidental release measures

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

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

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Do not step on the spill and avoid contact with water. The affected area, in contact with water, will become extremely slippery.

##### 6.1.2. For emergency responders

- Protective equipment : Avoid eyes and skin contact; use personal protective equipment.

#### 6.2. Environmental precautions

Avoid the ground to be contaminated, natural water courses and wastewater drainage. If contamination occurs inform the corresponding authorities immediately.

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

- Methods for cleaning up : For small spills use inert absorbent materials and remove with a shovel; then flush the affected area with pressured water. For large spills contain them with absorbent material and pump out the product to adequate containers; then flush the affected area with pressured water.

#### 6.4. Reference to other sections

See Section 8 to have information related to most appropriate personal protection equipment.  
See Section 13 to have information related to waste management.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : We recommend handling the product in a well ventilated area. Ensure you have a safety shower and eye wash fountain available. Keep absorbent material as a precaution against spills. Use normal personal hygiene and housekeeping measures when handling any chemical product.  
Handling temperature : 5 – 30

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

- Storage conditions : Store in a well ventilated and cool place, away from heat and frost, in closed containers in accordance with safety standards. Instruct as storage standards.  
Storage temperature : 0 – 40 °C

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

For all the expected uses of the product the indications given above are considered appropriate.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

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### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Natural ventilation is adequate under normal handling conditions. Use local exhaust systems in case of mists and/or aerosols.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses with side-shields

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Use a chemical resistant apron or full protective equipment depending on the handling level and contact risks with the product and its dissolutions

##### Hand protection:

Protective gloves made of PVC

##### Other skin protection

##### Materials for protective clothing:

Use your standard work clothes. In case of long contact with the product and risk of splash of its dissolutions use full waterproof suit

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Not necessary under normal conditions and provided good general ventilation

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: white.
Appearance	: White liquid.
Odour	: Aliphatic odour.
Odour threshold	: Not available
Melting point	: < 5 °C
Freezing point	: Not available
Boiling point	: > 100 °C
Flammability	: Not available
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: > 150 °C
pH	: Not available
pH solution	: 3.5 – 6.5 (5g/L)
Viscosity, kinematic	: > 20.5 mm <sup>2</sup> /s
Viscosity, dynamic	: 300 – 2000
Solubility	: Completely miscible.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 2.3 kPa

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Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: 0.804
Relative density of saturated gas/air mixture	: 1 – 1.2
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This product does not present any dangerous reactivity if used, stored and handled in accordance with this MSDS recommendations.

### 10.2. Chemical stability

Stable under normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Strong oxidizers may cause exothermic reactions.

### 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

### 10.5. Incompatible materials

Strong oxidizers.

### 10.6. Hazardous decomposition products

Some hazardous gases can be released, mainly: carbon oxides (Cox) and nitrogen oxides (Nox). In case of combustion in a poor oxygen atmosphere some vapors of hydrochloric acid and hydrocyanic acid can be formed.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Hygel LE375C	
LD50 oral rat	> 5000 mg/kg (estimated value)
LD50 dermal rat	> 5000 mg/kg (estimated value)
C11-C14 ethoxylated isoalcohols, rich in C13 (78330-21-9)	
LD50 oral rat	> 2000 mg/kg

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### C11-C14 ethoxylated isoalcohols, rich in C13 (78330-21-9)

LD50 dermal rat	> 2000 mg/kg
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### Hydrocarbons, C11-C13, isoalkanes, <2% aromatics (246538-78-3)

LD50 oral	> 5000 mg/kg (OCDE 401)
LD50 dermal rabbit	> 5000 mg/kg (OCDE 402)
LC50 Inhalation - Rat (Vapours)	> 5000 mg/l/4h (OCDE 403)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified ((Results based on a similar product). (OECD 437 method))
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### Hygel LE375C

Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s
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### 11.2. Information on other hazards

No additional information available

## 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

### Hygel LE375C

LC50 - Fish [1]	5 – 40 mg/l (estimated value)
EC50 - Crustacea [1]	10 – 100 mg/l (estimated value)

### C11-C14 ethoxylated isoalcohols, rich in C13 (78330-21-9)

LC50 - Fish [1]	1 – 10 mg/l (estimated value)
EC50 - Crustacea [1]	1 – 10 mg/l (estimated value)
EC50 72h - Algae [1]	1 – 10 mg/l (estimated value)

### Hydrocarbons, C11-C13, isoalkanes, <2% aromatics (246538-78-3)

LC50 - Fish [1]	> 1000 mg/l Data from similar product
EC50 - Crustacea [1]	> 1000 mg/l Data from similar product
EC50 72h - Algae [1]	1000 mg/l Data from similar product

### 12.2. Persistence and degradability

### Hygel LE375C

Persistence and degradability	Readily biodegradable.
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### C11-C14 ethoxylated isoalcohols, rich in C13 (78330-21-9)

Persistence and degradability	Readily biodegradable.
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### C11-C14 ethoxylated isoalcohols, rich in C13 (78330-21-9)

Biodegradation	> 70 % (28 d, OECD 301E)
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### Hydrocarbons, C11-C13, isoalkanes, <2% aromatics (246538-78-3)

Biodegradation	31.5 % (28 d, OECD 301F)
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### 12.3. Bioaccumulative potential

#### Hygel LE375C

Bioaccumulative potential	The product is not expected to bioaccumulate.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : If this product must be disposed as a waste the final user must do it accordingly with the European, national and local regulations. Use only authorised companies. Empty containers and residual product must not be washed out with water, this would provoke an inappropriate dissolution of the product and it would increase the amount of waste to dispose. Exhaust as much as possible the product and dispose the empty container taking into account Section 13.1.

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

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### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : 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. Maritime transport in bulk according to IMO instruments

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  $\geq 0,1$  % / SCL

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.



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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

### 15.1.2. National regulations

#### Germany

Water hazard class (WGK) : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV)  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Change	Comments
	Adverse effects on the environment caused by endocrine disrupting properties	Added	
	SDS EU format	Added	
	Supersedes	Modified	
	Revision date	Modified	
	Issue date	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Added	
2.2	EUH-statements	Added	
3	Composition/information on ingredients	Modified	
4.2	Symptoms/effects	Added	
5.3	Other information	Added	
9.1	Viscosity, dynamic	Modified	
9.1	Density	Added	
12.1	LC50 fish 1	Modified	
12.2	Persistence and degradability	Added	
16	Other information	Added	

Other information : The latest version of the MSDS of this product can be obtained through the link <https://www.derypol.com/en/technical-documentation/>.

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

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1

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

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

Safety Data Sheet applicable for regions : DE;DK;ES;FI;FR;IT;NL;PL;PT;GB;RU;SE

Safety Data Sheet (SDS), EU

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.