

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

Emission date: 09/2009

Revision 2-jan.2016

## ETHYCEL

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

#### 1.1. Product identifier

**Product name:** Ethygel- Gel Hand Sanitiser

**Product number :** 680.013(100 ml) ; 680.014 (300 ml); 680.015 (1000ml); 680.016 (5000ml); 680.012 (500ml)

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

Identified uses PT1 Human Hygiene Biocidal Product . For full details regarding recommended uses please refer to the product label.

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

ESTERIPLÁS- Produtos para a Área da Saúde, Lda

Rua 1º de maio, nº 125 - Zona Industrial do Roligo- 4524-904 Santa Maria da Feira

Tel: 00 351 256 330 350/6 - [farmacia@esteriplas.mail.pt](mailto:farmacia@esteriplas.mail.pt)

#### 1.4. Emergency telephone number

Emergency telephone (CIAV): 808 250 143

### SECTION 2: Hazards identification

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

##### Classification

**Physical hazards:** Flam. Liq. 2 - H225

**Health hazards:** Eye Irrit. 2 - H319

**Environmental hazards:** Not Classified

##### Classification (67/548/EEC or 1999/45/EC)

Xi;R41. F;R11.

##### Human health

Irritating to eyes.

##### Environmental

The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

##### Physicochemical

The product is flammable. Heating may generate flammable vapours.

#### 2.2. Label elements

##### Pictogram



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<b>Signal word</b>	Danger
<b>Hazard statements</b>	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
<b>Precautionary statements</b>	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. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with national regulations.
<b>Supplemental label information</b>	Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes. BPR001 Use biocides safely. Always read the label and product information before use.
<b>Supplementary precautionary statements</b>	P233 Keep container tightly closed

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Composition comments</b>	The data shown are in accordance with the latest EC Directives.
INCI	Alcohol Denat. Aqua Isopropyl Alcohol Glycerin Acrylates/C10-30 Alkyl Acrylate Crosspolymer Blue dye

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Due to the small packaging, the risk of inhalation is minimal.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately.

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

**Inhalation** No specific symptoms known.  
**Ingestion** May cause nausea, headache, dizziness and intoxication.  
**Skin contact** None known.  
**Eye contact** May cause severe eye irritation.

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

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

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

**Specific hazards** Highly flammable liquid and vapour. May form explosive mixture with air at very high concentration.

#### Hazardous combustion

**Products** Oxides of carbon.

### 5.3. Advice for firefighters

**Protective actions during Firefighting** Cool containers exposed to flames with water until well after the fire is out.

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Avoid contact with eyes.

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

**Storage precautions** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Ingredient comments** None.

### 8.2. Exposure controls

**Protective equipment**



**Appropriate engineering Controls**

Not relevant.

**Eye/face protection**

Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

**Hand protection**

Not relevant.

**Other skin and body**

**Protection**

Not relevant.

**Hygiene measures**

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

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**Respiratory protection** Not relevant.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Blue.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 6.5-7.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	19 Deg C°C
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

**Other information** None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

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### 10.5. Incompatible materials

#### Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

#### Hazardous decomposition

#### Products

Oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity – oral

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

#### Acute toxicity – dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

#### Acute toxicity – inhalation

#### Notes (inhalation LC<sub>50</sub>)

Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

#### Animal data

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

#### Serious eye damage/irritation

Highly irritating. OECD 438

#### Respiratory sensitisation

#### Respiratory sensitisation

Based on available data the classification criteria are not met.

#### Skin sensitisation

#### Skin sensitisation

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

#### Genotoxicity - in vivo

Does not contain any substances known to be mutagenic.

#### Carcinogenicity

#### Carcinogenicity

Does not contain any substances known to be carcinogenic.

#### Reproductive toxicity

#### Reproductive toxicity -

#### Development

Does not contain any substances

#### Specific target organ toxicity - single exposure

#### STOT - single exposure

No information available.

#### Specific target organ toxicity - repeated exposure

#### STOT - repeated exposure

No information available.

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### Aspiration hazard

#### Aspiration hazard

Based on available data the classification criteria are not met.

### General information

#### Inhalation

No specific health hazards known.

#### Ingestion

No specific health hazards known.

#### Skin contact

May cause nausea, headache, dizziness and intoxication.

#### Eye contact

Skin irritation should not occur when used as recommended.

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

## SECTION 12: Ecological Information

### Ecotoxicity

The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

##### Toxicity

The product is not expected to be toxic to aquatic organisms.

#### 12.2. Persistence and degradability

##### Persistence and degradability

The product is expected to be biodegradable.

#### 12.3. Bioaccumulative potential

##### Bioaccumulative potential

No data available on bioaccumulation.

### Partition coefficient

Not determined.

#### 12.4. Mobility in soil

##### Mobility

The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

##### Results of PBT and vPvB

##### Assessment

This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

##### Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### General information

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### Disposal methods

Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (IMDG) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (ICAO) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (ADN) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

#### 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

Transport labels



#### 14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant -No.

#### 14.6. Special precautions for user

EmS F-E, S-D

Emergency Action Code •3YE



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### Hazard Identification Number

(ADR/RID)

33

Tunnel restriction code

(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: Regulatory information

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

#### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.

Water hazard classification WGK 1

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

#### General information

Use biocides safely. Always read the label and product information before use. Only trained personnel should use this material. Key literature references and sources for data Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

#### Revision comments

SDS amended in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended)

#### Revision date

jan/2016

#### Revision

2

#### Supersedes date

19/08/2015

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### Risk phrases in full

R11 Highly flammable  
R41 Risk of serious damage to eyes.  
R67 Vapours may cause drowsiness and dizziness.

### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

### Notes for Risk Phrases and Hazard Statements in Full

The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.