



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

#### 1.1. Product identifier

Product name : SEPTIGEL + (FDS N°1162)  
Product code : B1587.

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

Disinfectant product

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

Registered company name : Laboratoires PRODENE KLINT.  
Address : 8, rue Léon Jouhaux - Z.A. Pariest - Croissy Beaubourg.77435.MARNE LA VALLEE CEDEX 2.France.  
Telephone : +33 (0)1 60 95 49 00. Fax : +33 (0)1 60 95 49 49.  
catherine.vignot@prodene-klint.com  
<http://www.prodene-klint.com>

#### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

#### Other emergency numbers

Belgique/België : Centre Antipoisons/Antigifcentrum : +32 (0)70 245 245  
Österreich : Vergiftungsinformationszentrale Vienna: +43 1 406 43 43  
Deutschland : Giftnotruf Berlin: +49 30 19240  
Bulgaria : Emergency Medical Institute Pirogov: +359 2 9154 409  
Hrvatska : Poison Control Centre Zagreb: +358 1 2348 342  
Danmark : Poison Hotline, Bispebjerg Hospital: + 45 82 12 12 12  
España : Teléfono Instituto Nacional de Toxicología: +34 91 562 04 20  
Eesti : Estonian Poison Information Centre: +372 62 69 379  
Suomi, Finland : Finland Poison Information Centre:+358 9 471 977  
Greece : Poisons Information Centre: +30 21 07 79 37 77  
Magyarország : Health Toxicological Information Service: +36 80 20 11 99  
Ireland, Éire : Ireland National Poisons Information Centre: +353 1 8379964  
Ísland : Iceland Poison Information Centre: +354 525 111, +354 543 2222  
Italia : Centro Antiveleni, Roma: +39 06 305 4343  
Latvija : Latvian Poisons Information Centre: +371 704 2468  
Lietuva : Apsinuodijimu kontroles ir informacijos biuras: +370 2 36 20 52, +370 687 53378  
Malta : Mater Dei Hospital: + 356 21450000  
Norge, Noreg : Norway Poisons Information:+ 47 22 591300  
Nederland : Nationaal Vergiftigen Informatie Centrum: +31 30 274 88 88  
Polska : Poland Poison Control and Information Centre, Warsaw: +48 22 619 66 54, +48 22 619 08 97  
Portugal : Centro de Informação Antivenenos: +351 21 330 3284  
România : Spitalul de Urgenta Floreasca: +40 21 230 8000  
United Kingdom : Guy's & St Thomas' Poisons Unit, London: +44 870 243 2241  
Slovensko : National Toxicological Information Centre : +421 2 54 77 4 166  
Slovenija : Poison Centre: + 386 41 650 500  
Sverige : Giftinformationscentralen, Stockholm: +46 8 33 12 31  
Schweiz, Suisse, Svizzera, Svizra : Swiss Toxicological Information Centre: +41 44 251 51 51  
Česko : Toxicological Information Centre: +420 22 49 192 93

### SECTION 2 : HAZARDS IDENTIFICATION

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

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Flammable (R 10).

Eye irritation (Xi, R 36).

Vapours may cause drowsiness and dizziness (R 67).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

## 2.2. Label elements

Biocidal mixture (see section 15).

### In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols :



Irritant

Flammable

Risk phrase :

R 36 Irritating to eyes.  
R 10 Flammable.  
R 67 Vapours may cause drowsiness and dizziness.

Safety phrase :

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 2 Keep out of the reach of children.  
S 46 If swallowed, seek medical advice immediately and show this container or label.  
S 23 Do not breathe vapour.

## 2.3. Other hazards

No data available.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

### 3.2. Mixtures

#### Composition :

Identification	Name	Classification	%
INDEX: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6	ETHANOL	GHS02, Dgr F H:225 R: 11	50 <= x % < 100
INDEX: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	PROPAN-2-OL	GHS02, GHS07, Dgr Xi,F H:225-319-336 R: 11-36-67	10 <= x % < 25
CAS: 56-81-5 EC: 200-289-5	GLYCERINE		0 <= x % < 2.5

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

#### In the event of exposure by inhalation :

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

#### In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

#### In the event of swallowing :

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention, showing the label.

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

No data available.

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

No data available.

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## SECTION 5 : FIREFIGHTING MEASURES

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### 5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

### Suitable methods of extinction

In the event of a fire, use :

- carbon dioxide (CO<sub>2</sub>)
- powder
- foam
- dry sand

Prevent the effluent of fire-fighting measures from entering drains or waterways.

### Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

#### For non fire-fighters

Avoid any contact with the skin and eyes.

#### For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

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## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

#### Fire prevention :

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

### Recommended equipment and procedures :

For personal protection, see section 8.  
Observe precautions stated on label and also industrial safety regulations.  
Avoid eye contact with this mixture.

### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

### Storage

Keep out of reach of children.  
Keep the container tightly closed in a dry, well-ventilated place  
Keep away from all sources of ignition - do not smoke.  
Keep well away from all sources of ignition, heat and direct sunlight  
Avoid accumulation of electrostatic charges.

### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

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## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	-	-	-	-
67-63-0	200 ppm	400 ppm	-	-	-
56-81-5	10 mg/m3	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME :	VME :	Excess	Notes
64-17-5	500 ml/m3	960 mg/m3	2(II)	DFG, Y
67-63-0	200 ml/m3	500 mg/m3	2(II)	DFG, Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84
67-63-0	-	-	400	980	-	84
56-81-5	-	10	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	-	-	-	-
67-63-0	400 ppm	500 ppm	-	-	-
56-81-5	10 mg/m3	-	-	-	-

### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.

**- Respiratory protection**

Avoid breathing vapours.

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**General information :**

Physical state :	fluid liquid.
Color:	colourless
Odour:	alcoholic

**Important health, safety and environmental information**

pH :	6.50 . neutral.
Flash Point :	21.00 °C.
Vapour pressure :	not relevant.
Density :	0,850 - 0,870
Water solubility :	Soluble.
Viscosity :	1500 - 2500 mPa.s (20°C)

**9.2. Other information**

No data available.

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture**

**Acute toxicity :**

LD50 > 2g/kg (rat)  
OECD guideline 423

**Skin corrosion/skin irritation :**

Non-irritant for the skin  
OECD guideline 404

**Serious damage to eyes/eye irritation :**

Irritating to eyes

OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitisation :**

No sensitisation responses were observed  
(PSHM study to Marzulli and Maibach)

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 67-63-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.1. Substances**

No aquatic toxicity data available for the substances.

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

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

No data available.

**12.6. Other adverse effects**

No data available.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2012).

**14.1. UN number**

1993

**14.2. UN proper shipping name**

UN1993=FLAMMABLE LIQUID, N.O.S.  
(ethanol, propan-2-ol)

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

- Classification :



#### 14.4. Packing group

II

#### 14.5. Environmental hazards

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#### 14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	II	3	33	1 L	274 601 640C	E2	2	D/E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	3	-	II	1 L	F-E,S-E	274	E2

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	II	353	5 L	364	60 L	A3	E2
	3	-	II	Y341	1 L	-	-	A3	E2

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

No data available.

### SECTION 15 : REGULATORY INFORMATION

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

##### - Particular provisions :

No data available.

##### - Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC)

:

Name	CAS	%	TP
ETHANOL	64-17-5	600.00 g/kg	01
PROPAN-2-OL	67-63-0	150.00 g/kg	01

#### 15.2. Chemical safety assessment

No data available.

### SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Title for H, EUH and R indications mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
R 11	Highly flammable.
R 36	Irritating to eyes.
R 67	Vapours may cause drowsiness and dizziness.

#### Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).