



## 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 : LINGETTES CLEAN + - CODE ARTICLE 12202 (FDSUL67)  
Product code : TSB38.

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

#### 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 6704 2473  
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 Vergiftigingen 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 EC regulation No. 1272/2008 and its amendments.

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

This mixture does not present a health hazard.

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

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

Flammable (R 10).

This mixture does not present a health hazard.

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 EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS02

Signal Word :

WARNING

Hazard statements :

H226 Flammable liquid and vapour.

Precautionary statements - Prevention :

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370 + P378 In case of fire: Use ... for extinction.

Precautionary statements - Storage :

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary statements - Disposal :

P501 Dispose of contents/container to ...

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

Hazard symbols :

Flammable

Risk phrase :

R 10 Flammable.

**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	10 <= x % < 25
CAS: 57-55-6 EC: 200-338-0	PROPYLENE GLYCOL		0 <= x % < 2.5

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#### 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 swallowing :

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

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

##### 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 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.

##### 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.

**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 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	-	-	-	-

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

CAS	VME :	VME :	Excess	Notes
64-17-5	500 ml/m <sup>3</sup>	960 mg/m <sup>3</sup>	2(II)	DFG. Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	-	-	-	-
57-55-6	150 ppm	-	-	-	-

**8.2. Exposure controls**

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

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  
Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.  
After contact with the product, all parts of the body that have been soiled must be washed.

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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.

### Important health, safety and environmental information

pH (aqueous solution) :	4.5 - 6.5
pH :	Not relevant.
Flash Point :	43.00 °C.
Vapour pressure :	Below 110 kPa (1.10 bar).
Density :	0.970 - 0.990
Water solubility :	Insoluble.
Viscosity :	< 30 mPa.s
N/A	

### 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

No data available.

#### 11.1.1. Substances

No toxicological data available for the substances.

#### 11.1.2. Mixture

No toxicological data available for the mixture.

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

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

N/A

### 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.

**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.

**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**

3175

**14.2. UN proper shipping name**

UN3175=SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethanol)

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

- Classification :

4.1

**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
	4.1	F1	II	4.1	40	1 kg	216 274	E2	2	E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	4.1	-	II	1 kg	F-A,S-I	216 274	E2			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	4.1	-	II	445	15 kg	448	50 kg	A46	E2	
	4.1	-	II	Y441	5 kg	-	-	A46	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)**

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Name	CAS	%	TP
CHLORHEXIDINE DIGLUCONATE	18472-51-0	1.20 g/kg	01 02
MYRISTALKONIUM CHLORIDE	139-08-2	3.00 g/kg	01 02
ETHANOL	64-17-5	144.00 g/kg	01 02

### 15.2. Chemical safety assessment

No data available.

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## 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.

R 11 Highly flammable.

### 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).

GHS02 : Flame