

SEPTIGEL + (FDS N°1162) - B1587



SAFETY DATA SHEET
(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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.77183.Croissy Beaubourg.France.

Telephone : +33 (0)1 60 95 49 00. Fax : +33 (0)1 60 95 49 49.

firregulatoryteam@gojo.fr

<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>.

<http://echa.europa.eu/fr/support/helpdesks/national-helpdesks/list-of-national-helpdesks>

Other emergency numbers

Ireland, Éire : Ireland National Poisons Information Centre: +353 1 8092166

Ísland : Iceland Poison Information Centre: +354 525 111, +354 543 2222

Malta : Medicines & Poisons Info Office 2545 6508

United Kingdom : NHS 111

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 2 (Flam. Liq. 2, H225).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

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



GHS07

Signal Word :

DANGER

Hazard statements :

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements - General :

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary statements - Response :

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.

Precautionary statements - Storage :

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

SEPTIGEL + (FDS N°1162) - B1587**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	Note	%
CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43 ETHANOL	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319	[1]	50 \leq x % < 100
INDEX: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25 PROPAN-2-OL	GHS02, GHS07 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]	10 \leq x % < 25
CAS: 56-81-5 EC: 200-289-5 REACH: 01-2119471987-18 GLYCERINE		[1]	0 \leq x % < 2.5
CAS: 102-71-6 EC: 203-049-8 REACH: 01-2119486482-31 TRIETHANOLAMINE		[1]	0 \leq x % < 2.5
CAS: 111-42-2 EC: 203-868-0 REACH: 01-2119488930-28 DIETHANOLAMINE	GHS07, GHS05, GHS08 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Chronic 4, H413	[1]	0 \leq x % < 2.5
INDEX: 603-030-00-8 CAS: 141-43-5 EC: 205-483-3 REACH: 01-2119486455-28 2-AMINOETHANOL	GHS05, GHS07 Dgr Acute Tox. 4, H332 Acute Tox. 4, H312 Acute Tox. 4, H302 Skin Corr. 1B, H314	[1]	0 \leq x % < 2.5

(Full text of H-phrases: see section 16)

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

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 :**

Take victim to fresh air, in a quiet place in an half laying position and urgently take medical advice

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, 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 :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

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 (CO₂)
- 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 (CO₂)

5.3. Advice for firefighters

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

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 first aid worker

First aid workers 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.

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

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 non-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.

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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.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Occupational exposure limits :**

- European Union (2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m ³ :	VME-ppm :	VLE-mg/m ³ :	VLE-ppm :	Notes :
141-43-5	2.5	1	7.6	3	Peau

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5		1000 ppm		A3	
67-63-0	200 ppm	400 ppm		A4; BEI	
56-81-5	10 mg/m ³				
102-71-6	5 mg/m ³				
111-42-2	1 (IFV) mg/m ³			Skin; A3	
141-43-5	3 ppm	6 ppm			

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

CAS	VME :	VME :	Excess	Notes
64-17-5		200 ppm 380 mg/m ³		4(I TM I TM)
67-63-0		200 ppm 500 mg/m ³		2(II)
56-81-5		200 mg/m ³		2 (I)
102-71-6		1 mg/m ³		1 (I)
111-42-2		0.11 ppm 0.5 mg/m ³		1 (I)
141-43-5		0.2 ppm 0.5 mg/m ³		1(I TM)

- Belgium (Arrêté du 09/03/2014, 2014) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1907 mg/m ³				
67-63-0	200 ppm 500 mg/m ³	400 ppm 1000 mg/m ³			
56-81-5	10 mg/m ³				
102-71-6	5 mg/m ³				
111-42-2	0.46 ppm 2 mg/m ³			D	
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		D	

SEPTIGEL + (FDS N°1162) - B1587**- Denmark (2008) :**

Stof	TWA	VSTEL	Loftvaerdi	Anm
64-17-5	1000 ppm 1900 mg/m ³			
67-63-0	200 ppm 490 mg/m ³			
102-71-6	0.5 ppm 3.1 mg/m ³			
111-42-2	0.46 ppm 2 mg/m ³			H
141-43-5	1 ppm 2.5 mg/m ³			EH

- France (INRS - ED984 / 2019-1487) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84
67-63-0	-	-	400	980	-	84
56-81-5	-	10	-	-	-	-
111-42-2	3	15	-	-	-	49.49 Bis
141-43-5	1	2.5	3	7.6	-	49. 49 Bis

- Finland (HTP-värden 2016) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1900 mg/m ³	1300 ppm 2500 mg/m ³			
56-81-5	20 mg/m ³				
102-71-6	5 mg/m ³				
111-42-2	0.46 ppm 2 mg/m ³				
141-43-5	3 ppm	6 ppm	-	-	-

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), 2017) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5		1.000 ppm 1910 mg/m ³		s	
67-63-0	200 ppm 500 mg/m ³	400 ppm 1000 mg/m ³		VLB®. s	
56-81-5	10 mg/m ³				
102-71-6	5 mg/m ³				
111-42-2	0.46 ppm 2 mg/m ³			via dermica. f	
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.5 mg/m ³		via dermica. VLI	

- Greece (90/1999) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5		1000 ppm 1900 mg/m ³			
67-63-0		400 ppm 980 mg/m ³	500 ppm 1225 mgm/3		
56-81-5		10 mg/m ³			
111-42-2		3 ppm 15 mg/m ³			
141-43-5		3 ppm 8 mg/m ³	6 ppm 15 mgm/3		

- Ireland (Code of practice for the Chemical Agents Regulations, 2016) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5		1000 ppm			
67-63-0	200 ppm	400 ppm			
56-81-5	10 mg/m ³				
102-71-6	5 mg/m ³				
111-42-2	0.2 ppm 1 mg/m ³				

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141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³			
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- Latvia (Regulation No. 325/2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 mg/m ³				
67-63-0	350 mg/m ³	600 mg/m ³			
141-43-5	0.2 ppm 0.5 mg/m ³	3 ppm 7.6 mg/m ³		Ada	

- Lithuania (HN 23 :2001) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	500 ppm 1000 mg/m ³	1000 ppm 1900 mg/m ³			
67-63-0	150 ppm 350 mg/m ³	250 ppm 600 mg/m ³			
102-71-6	5 mg/m ³	10 mg/m ³		J	
111-42-2	3 ppm 15 mg/m ³	6 ppm 30 mg/m ³		O	
141-43-5	3 ppm 8 mg/m ³	6 ppm 15 mg/m ³		O	

- Luxembourg (RGD 14/11/2016, Memorial A n°247 du 8 mars 2017) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		Peau	

- Malta (L.N. 353/2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		Skin	

- Norway (Veiledning om administrative normer for forurensning i arbeidsatmosfære, 2019) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	500 ppm 950 mg/m ³				
67-63-0	100 ppm 245 mg/m ³				
102-71-6	5 mg/m ³				
111-42-2	3 ppm 15 mg/m ³				
141-43-5	1 ppm 2.5 mg/m ³			HE	

- Netherlands / MAC-waarde (10 december 2014) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	260 mg/m ³	1900 mg/m ³		Huid	
67-63-0	250 ppm	-	-	-	-
56-81-5	10 mg/m ³	-	-	-	-
102-71-6	5 mg/m ³	-	-	-	-
111-42-2	2 mg/m ³	-	-	-	-
141-43-5	2.5 mg/m ³	7.6 mg/m ³		Huid	

- Poland (Dz. U. z 2018 r. poz. 917, 1000 i 1076) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1900 mg/m ³				
67-63-0	900 mg/m ³	1200 mg/m ³			
56-81-5	10 mg/m ³				
111-42-2	9 mg/m ³				
141-43-5	2.5 mg/m ³	7.5 mg/m ³			

- Portugal (1.a N° 26 - 06/01/2012) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		Cutânea	

- Czech Republic (Regulation No. 361/2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 mg/m ³	3000 mg/m ³		I	

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67-63-0	500 mg/m ³	1000 mg/m ³		I	
56-81-5	10 mg/m ³	15 mg/m ³			
102-71-6	5 mg/m ³	10 mg/m ³		D	
111-42-2	5 mg/m ³	10 mg/m ³		I. P	
141-43-5	2.5 mg/m ³	7.5 mg/m ³		I	

- Slovakia (Règlement 300/2007, 471/2011 23/11/2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	500 ppm 960 mg/m ³	1 000 ppm 1 920 mg/m ³			
67-63-0	200 ppm 500 mg/m ³	400 ppm 1 000 mg/m ³			
56-81-5	10 mg/m ³				
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		K	

- Slovenia (Uradni List, 04/06/2015) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5		1000 ppm 1900 mg/m ³		Y	
67-63-0		200 ppm 500 mg/m ³		Y. BAT	
102-71-6		5 (I) mg/m ³			
111-42-2		15 (I) mg/m ³		K	
141-43-5		1 ppm 2.5 mg/m ³		K. EU**	

- Switzerland (SUVAPRO 2017) :

CAS	VME	VLE	Valeur plafond	Notations
64-17-5	500 ppm 960 mg/m ³	1000 ppm 1920 mg/m ³		SSC
67-63-0	200 ppm 500 mg/m ³	400 ppm 1000 mg/m ³		B SSC
56-81-5	50 i mg/m ³	100 i mg/m ³		SSC
102-71-6	5 i mg/m ³	10 i mg/m ³		SSC
111-42-2	1 i mg/m ³	1 i mg/m ³		R S SSC
141-43-5	2 ppm 5 mg/m ³	4 ppm 10 mg/m ³		S

- Sweden (AFS 2018 :1) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	500 ppm 1000 mg/m ³	1000 ppm 1900 mg/m ³		V	
67-63-0	150 ppm 350 mg/m ³	250 ppm 600 mg/m ³		V	
102-71-6	0.8 ppm 5 mg/m ³	1.6 ppm 10 mg/m ³		H.V	
111-42-2	3 ppm 15 mg/m ³	6 ppm 30 mg/m ³		H.V	
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.5 mg/m ³		H	

- Romania (Hotarâre 1218/2006) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1900 mg/m ³	5000 ppm 9500 mg/m ³			
67-63-0	81 ppm 200 mg/m ³	203 ppm 500 mg/m ³			
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³			

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1920 mg/m ³	- ppm - mg/m ³			
67-63-0	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³			

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56-81-5	- ppm 10 mg/m ³	- ppm - mg/m ³			
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		Sk	

- Bulgare

Identification	TWA	STEL	Ceiling	Notations
64-17-5	1000 mg/m ³			
67-63-0	980 mg/m ³	1225 mg/m ³		

- Estonie

Identification	Piirnorm	Luhiajalise kokkupuute piirnorm	Piirnormi lagi	Markused
64-17-5	500 ppm 1000 mg/m ³	1000 ppm 1900 mg/m ³		
67-63-0	150 ppm 350 mg/m ³	250 ppm 600 mg/m ³		
56-81-5	10 mg/m ³			
102-71-6	5 mg/m ³	10 mg/m ³		S
111-42-2	3 ppm 15 mg/m ³	6 ppm 30 mg/m ³		A
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		A

- Hongrie

Megnevezes	AK-ertek	CK-ertek	MK-ertek	Megjegyzések
64-17-5	1900 mg/m ³	7600 mg/m ³		
67-63-0	500 mg/m ³	2000 mg/m ³		b. i
141-43-5	2.5 mg/m ³	7.6 mg/m ³		b

- Croatia

Identification	TWA	STEL	Ceiling	Notations
64-17-5	1000 ppm 1900 mg/m ³			F
67-63-0	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³		F. Xi
56-81-5	10 mg/m ³			
111-42-2	3 ppm 15 mg/m ³			Xn
141-43-5	1 ppm 2.5 mg/m ³	3 ppm 7.6 mg/m ³		K. EU** C

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

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.

- Body protection

Work clothing worn by personnel shall be laundered regularly.

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

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Important health, safety and environmental information

pH :	6.50 +/- 0.5. Neutral.
Boiling point/boiling range :	> 35°C
Flash Point :	21.10 °C.
Vapour pressure (50°C) :	Not relevant.
Density :	0,850 - 0,870
Water solubility :	Soluble.
Viscosity :	1500 - 3000 mPa.s (20°C)

9.2. Other information

No data available.

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

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

11.1.1. Substances

Acute toxicity :

DIETHANOLAMINE (CAS: 111-42-2)

Oral route : LD50 = 1600 mg/kg

11.1.2. Mixture

Acute toxicity :

Species : Rat
LD50 > 2000 mg/kg
OECD Guideline 423 (Acute Oral toxicity/Acute Toxic Class Method)

Skin corrosion/skin irritation :

Irritation : No observed effect.
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious damage to eyes/eye irritation :

Irritating to eyes
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

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Respiratory or skin sensitisation :

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

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

DIETHANOLAMINE (CAS: 111-42-2)

Fish toxicity :

LC50 = 1460 mg/l

Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 2038 mg/l

Duration of exposure : 48 h

Algae toxicity :

ECr50 = 2.2 mg/l

Duration of exposure : 72 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

DIETHANOLAMINE (CAS: 111-42-2)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

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 2019 - IMDG 2018 - ICAO/IATA 2020).

14.1. UN number

1993

14.2. UN proper shipping name

UN1993=FLAMMABLE LIQUID, N.O.S.

(ethanol, propan-2-ol)

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14.3. Transport hazard class(es)

- Classification :



3

14.4. Packing group

II

14.5. Environmental hazards

-

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	Stowage Handling	Segregation
	3	-	II	1 L	F-E, S-E	274	E2	Category B	-

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

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol 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****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/217 (ATP 14)

- Container information:

Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

- 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	%	Product-type
PROPAN-2-OL	67-63-0	150.00 g/kg	01
ETHANOL	64-17-5	600.00 g/kg	01

Product-type 1 : Human hygiene.

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.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.

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H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure .
H413	May cause long lasting harmful effects to aquatic life.

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

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.