

Trade name: septDES GEL

Substance number: SUB411070863900

Version: 11 / WORLD

Date revised: 30.09.2024

the date of issue: 02.03.16

Replaces Version: 10 / WORLD

Print date: 21.05.2025

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

1.1. Product identifier

septDES GEL

Substance / product identification

UFI

K33C-513W-S00Y-4P7Y

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

Use of the substance/preparation

Human hygiene biocidal products, Disinfectants and general biocidal products. For professional use only.

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

HAGLEITNER HYGIENE International GmbH

Lunastrasse 5

A-5700 Zell am See

Telephone no.

+43 (0)5 0456

Fax no.

+43 (0)5 0456 7777

E-Mail

regulatoryaffairs@hagleitner.com

Information provided

Regulatory Affairs

by / telephone

Address/Supplier

HAGLEITNER HYGIENE International GmbH

Lunastrasse 5

AT5700 Zell am See

Telephone no.

+43 (0)5 0456

Fax no.

+43 (0)5 0456 7777

E-mail address of

regulatoryaffairs@hagleitner.com

person responsible

for this SDS

1.4. Emergency telephone number

Anti Poison Center Vienna: +43 (0)1 406 4343

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2

H225

Eye Irrit. 2

H319

Aquatic Chronic 3

H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

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2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

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.
P501	Dispose of contents/container according to the local/national rules and regulations.

Supplemental information

Always read the product information and label before use.

2.3. Other hazards

No special hazards have to be mentioned. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

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Hazardous ingredients

ethanol

CAS No.	64-17-5	
EINECS no.	200-578-6	
Registration no.	01-2119457610-43-XXXX	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)	Flam. Liq. 2	H225

Tetradecan-1-ol

CAS No.	112-72-1
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EINECS no. 204-000-3
Concentration ≥ 1 < 2,5 %
Classification (Regulation (EC) No. 1272/2008)
Skin Irrit. 2 H315

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. In case of accident or if you feel unwell, seek medical advice immediately.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

No special measures required.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

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

The following symptoms may occur: Dizziness, Tiredness, Intoxication

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

Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water mist, Alcohol-resistant foam, ABC powder, Dry chemical extinguisher

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus. Wear protective clothing.

Other information

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must

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be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Ensure adequate ventilation. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed. Use only in well-ventilated areas. Handle and open container with care.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air.

Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances)

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value >= 5 <= 25 °C

Storage stability

Storage life: 3 years

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated.

Hints on storage assembly

Do not store together with: Oxidising agents

Storage classes

Storage class according to TRGS 510 3 Flammable liquid

Further information on storage conditions

Keep at temperature not exceeding 30 °C.

7.3. Specific end use(s)

For professional use only.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Maintain air concentrations below occupational exposure standards.

8.2. Exposure controls

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Do not inhale gases/vapours/aerosols. Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time. Take off immediately all contaminated clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material nitrile

Material thickness 0,4 mm

Breakthrough time $\geq$ 480 min

z.B.: BRILLANT nitrilCOMFORT, Art.-Nr. 4451000700 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

Appropriate Material neoprene

Material thickness 0,35 mm

Breakthrough time $\geq$ 240 min

Appropriate Material viton

Material thickness 0,5 mm

Breakthrough time $\geq$ 480 min

Not suitable: rubber gloves

Not suitable: PVC gloves

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Gel

Colour colourless

Odour alcohol-like

Melting point

Value $<$ -20 °C

Boiling point or initial boiling point and boiling range

Value appr. 85 °C

Upper and lower explosive limits

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Lower explosion limit = 3,5 to 15 %(V)
 Upper explosion limit %(V)

Flash point

Value = 14 °C

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Value = 7,5 to 8,5

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Value = 0,83 to 0,85 g/cm³

Relative vapour density

Remarks not determined

9.2. Other information**Sublimation point**

Remarks not determined

Evaporation rate

Remarks not determined

Solubility in water

Remarks not determined

Auto-ignition temperature

Remarks not determined

Combustion factor

Remarks not determined

Bulk density

Remarks not determined

Packed bulk density

Remarks not determined

Solids content

Remarks not determined

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Saturation Concentration

Remarks not determined

Critical point

Remarks not determined

Dissociation constant

Remarks not determined

Surface tension

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

Protect from extreme heat and cold.

10.3. Possibility of hazardous reactions

Oxidising agents

10.4. Conditions to avoid

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. If product is heated above decomposition temperature toxic vapours may be released.

10.5. Incompatible materials

Reactions with strong oxidising agents.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Skin corrosion/irritation**

Remarks Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

Serious eye damage/irritation

Remarks Eye contact with the product may lead to irritation.

Sensitization

evaluation non-sensitizing

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

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Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

septDES GEL

Experience in practice

Has a degreasing effect on the skin. When inhaled in larger quantities, the solvent vapours cause a narcotic effect.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information**12.1. Toxicity****General information**

The values mentioned are those of the active ingredient.

Fish toxicity (Components)**ethanol**

Species	Fathead minnow (<i>Pimephales promelas</i>)	
LC50	= 15300	mg/l
Duration of exposure	= 96	h
Method	US-EPA	

Daphnia toxicity (Components)**ethanol**

Species	Ceriodaphnia spec	
EC50	> 10000	mg/l
Duration of exposure	= 48	h
Source	Manufacturer's data	

ethanol

Species	Daphnia magna	
EC50	> 10000	mg/l
Duration of exposure	= 48	h

Algae toxicity (Components)**ethanol**

Species	Chlorella vulgaris	
EC10	= 11,5	mg/l
Duration of exposure	= 3	d
Method	OECD TG 201	

ethanol

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Species	Chlorella vulgaris	
EC50	= 275	mg/l
Duration of exposure	= 3	d
Method	OECD TG 201	

Bacteria toxicity (Components)**ethanol**

	= 5800	mg/l
Duration of exposure	= 4	h

12.2. Persistence and degradability**General information**

not determined

Biodegradability

evaluation readily degradable

12.3. Bioaccumulative potential**General information**

No data available

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil**General information**

No data available

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

No data available

12.6 Endocrine disrupting properties**General information**

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

Endocrine disrupting properties with respect to the environment

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12.7. Other adverse effects**General information**

May cause long lasting harmful effects to aquatic life.

Global Warming Potential

Remarks not determined

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

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Disposal recommendations for the product

EWC waste code 20 01 13* solvents

Dispose of as hazardous waste.

Disposal recommendations for packaging

EWC waste code 15 01 02 plastic packaging

Uncontaminated packaging may be taken for recycling.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1987	1987	1987
14.2. UN proper shipping name	ALCOHOLS, N.O.S. (ethanol)	ALCOHOLS, N.O.S. (ethanol)	ALCOHOLS, N.O.S. (ethanol)
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Special provision	640D		
Limited Quantity	1 I		
Transport category	2		
14.5. Environmental hazards	-		-

Information for all modes of transport**14.6. Special precautions for user**

The relevant transport regulations have to be considered.

Other information**14.7 Maritime transport in bulk according to IMO instruments**

No data available

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SECTION 15: Regulatory information

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

VOC

VOC (CH)	=	80	%
VOC (EU)	=	80	%

Substance / product identification

UFI K33C-513W-S00Y-4P7Y

Biocide Substance

ethanol
Concentration 808 g/kg
CAS No. 64-17-5

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (*) in the left-hand margin.

Classification and method used to derive the classification of mixtures in accordance with Regulation (EC) No 1272/2008 [CLP]: Based on test data, calculation method;

Hazard statements listed in Chapter 3

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.

CLP categories listed in Chapter 3

Flam. Liq. 2 Flammable liquid, Category 2
Skin Irrit. 2 Skin irritation, Category 2

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
CAS: Chemical Abstracts Service
EINECS: European Inventory of Existing Commercial Chemical Substances
VOC: Volatile Organic Compound
INCI: International Nomenclature of Cosmetic Ingredients
MAK: Maximale Arbeitsplatz-Konzentration
NOEL: No observable effect level
NOEC: No observable effect concentration
LD: Lethal dose
LC: Lethal concentration
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
CEFIC: European Chemical Industry Council
DMEL: Derived minimal effect level

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DNEL: Derived no effect level

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

IMO: International Maritime Organization

EU: European Union

EC: European Community

GHS: Globally Harmonized System of classification and Labelling of Chemicals

UN: United Nations

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

