

Trade name: hygienicDES FORTE

Substance number: SUB302022070000

Version: 2 / EU

Date revised: 30.09.2024

the date of issue: 09.04.24

Replaces Version: 1 / EU

Print date: 04.03.2026

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

1.1. Product identifier

hygienicDES FORTE

Substance / product identification

UFI

NR1E-52SX-M003-U2PQ

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

Use of the substance/preparation

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. 3

H226

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

For explanation of abbreviations see section 16.

2.2. Label elements

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Labelling according to regulation (EC) No 1272/2008**Hazard pictograms****Signal word**

Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

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

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

In use, may form flammable/explosive vapour-air mixture.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Further ingredients****ethanol**

CAS No. 64-17-5

EINECS no. 200-578-6

Registration no. 01-2119457610-43-XXXX

Concentration >= 25 < 50 %

Advice: [3]

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

Flam. Liq. 2 H225

Note

[3] Substance with occupational exposure limits

Other information

Complete text of hazard statements in chapter 16

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

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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

Wash off immediately with soap and water.

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: Narcosis

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**

Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear protective clothing.

Other information

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

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

6.2. Environmental precautions

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

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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.

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 $\geq$ 5 $\leq$ 25 °C

Storage stability

Storage life: 3 years

Requirements for storage rooms and vessels

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

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. Disinfectants and general biocidal products.

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.

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General protective and hygiene measures

Do not inhale vapours. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Avoid contact with skin. Observe the usual precautions for handling chemicals.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Reference substance	ethanol	
Appropriate Material	nitrile	
Material thickness	= 0,35	mm
Breakthrough time	> 4	h
Appropriate Material	Polychloroprene	
Material thickness	= 0,5	mm
Breakthrough time	> 4	h
Appropriate Material	Vinyl-PVC	
Material thickness	= 0,5	mm
Breakthrough time	> 4	h
Appropriate Material	fluororubber	
Material thickness	= 0,4	mm
Breakthrough time	> 8	h

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

BRILLANT nitrilCOMFORT, Art.-Nr. 4451000700

BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

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	Liquid
Colour	colourless
Odour	alcohol-like

Melting point

Value	< -10	°C
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Boiling point or initial boiling point and boiling range

Value	appr. 85	°C
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Upper and lower explosive limits

Lower explosion limit	3,4	%(V)
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Flash point

Value	appr. 24	°C
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Auto-ignition temperature

Remarks	not determined
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Decomposition temperature

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Remarks not determined

pH value

Value	appr.	6	to	8
Concentration/H ₂ O	=	100	%	
Temperature	=	20	°C	

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	appr.	0,932		g/cm ³
Temperature	=	20	°C	

Relative vapour density

Remarks not determined

9.2. Other information**Sublimation point**

Remarks not determined

Evaporation rate

Remarks not determined

Solubility in water

Temperature	=	20	°C
Remarks	miscible		

Auto-ignition temperature

Remarks not determined

Combustion factor

Remarks not determined

Bulk density

Remarks not determined

Packed bulk density

Remarks not determined

Solvent content

Value	<	50	%
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Solids content

Remarks not determined

Saturation Concentration

Remarks not determined

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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.

10.5. Incompatible materials

Product reacts with: 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 No data available

Serious eye damage/irritation

Remarks No data available

Sensitization

Remarks No data available

Subacute, subchronic, chronic toxicity

Remarks No data available

Mutagenicity

Remarks No data available

Reproductive toxicity

Remarks No data available

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Carcinogenicity

Remarks No data available

Specific Target Organ Toxicity (STOT)

Remarks No data available

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

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Experience in practice

Can be absorbed through skin. When in contact with the mucous membrane, it can cause an anesthetic effect (Numb feeling). Irritates the mucous membrane.

Other information

By appropriate use of the product no health damage is known.

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

No data available

Fish toxicity (Components)**ethanol**

Species	Fathead minnow (Pimephales promelas)
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

Species	Chlorella vulgaris
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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**

No data available

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.

12.7. Other adverse effects**General information**

No data available

Global Warming Potential

Remarks not determined

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 20 01 13* solvents

Dispose of as hazardous waste.

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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		
14.6. Special precautions for user		The relevant transport regulations have to be considered.	
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	III	III	III
Limited Quantity	5 l		
Transport category	3		
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**

not determined

SECTION 15: Regulatory information

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

VOC

VOC (CH)	=	45	%
VOC (EU)	=	45	%

Substance / product identification

UFI NR1E-52SX-M003-U2PQ

Biocide Substance

ethanol		
Concentration	450	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;

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
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: ***

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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.

