

Trade name: hup DES FORTE (incl. variants)

Substance number: SUB302023100000

Version: 4 / EU

Date revised: 03.10.2024

the date of issue: 27.03.24

Replaces Version: 3 / EU

Print date: 03.10.2024

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

1.1. Product identifier

hup DES FORTE (incl. variants)

Substance / product identification

UFI

8AAE-S2TN-700K-Y6Y5

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

Use of the substance/preparation

Ready-to-use disinfection wipes for the quick disinfection of alcohol-resistant surfaces. 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

E-mail address of

medizinprodukte@hagleitner.com

person responsible

for this SDS

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

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2.2. Label elements

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. For professional use only.

2.3. Other hazards

No special hazards have to be mentioned.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

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In case of accident or if you feel unwell, seek medical advice immediately.

After inhalation

If decomposition products are inhaled, remove the affected person to a source of fresh air and keep him calm. Provide medical aid. 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 mouth thoroughly with water. Do not induce vomiting. Summon a doctor immediately.

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

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

None known

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. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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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

Use only in well-ventilated areas. Provide good room ventilation even at ground level (vapours are heavier than air).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

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 period: 12 month

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 with strong oxidizing agents.

Storage classes

Storage class according to TRGS 510 11 Combustible solids

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. Protect from direct sunlight.

7.3. Specific end use(s)

For professional use only.

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. Take off immediately all contaminated clothing.

Respiratory protection

Not necessary.

Hand protection

Reference substance	ethanol	
Appropriate Material	Polychloroprene	
Material thickness	0,5	mm
Breakthrough time	>= 4	h
Reference substance	ethanol	
Appropriate Material	Butyl rubber	
Material thickness	0,5	mm
Breakthrough time	>= 8	h
Reference substance	ethanol	

Eye protection

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	solid/liquid
Colour	colourless
Odour	alcohol-like

Melting point

Value	<
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Boiling point or initial boiling point and boiling range

Value	appr.	to	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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Ignition temperature

Value	>	to	425	°C
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Decomposition temperature

Remarks	not determined
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pH value

Value	6	to	8
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Viscosity

Remarks	not determined
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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. 0,93		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

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

Solvent content

Value < to 50 %

Solids content

Remarks not determined

Saturation Concentration

Remarks not determined

Critical point

Remarks not determined

Dissociation constant

Remarks not determined

Surface tension

Remarks not determined

Other information

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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

No hazardous reactions known.

10.5. Incompatible materials

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.
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Serious eye damage/irritation

Remarks	Eye contact with the product may lead to irritation.
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Sensitization

evaluation	non-sensitizing
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Subacute, subchronic, chronic toxicity

Remarks	not determined
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Mutagenicity

Remarks	not determined
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Reproductive toxicity

Remarks	not determined
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Carcinogenicity

Remarks	not determined
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Specific Target Organ Toxicity (STOT)

Remarks	not determined
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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.

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Experience in practice

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

Other information

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

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

The values mentioned are those of the active ingredient.

Fish toxicity

Reference substance	ethanol		
CAS No.	64-17-5		
Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	11,2		g/l
Duration of exposure	24	h	

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

Reference substance	ethanol		
CAS No.	64-17-5		
Species	Ceriodaphnia spec		
EC50		5012	mg/l
Duration of exposure		48	h

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

Reference substance	ethanol		
CAS No.	64-17-5		
Species	Chlorella vulgaris		
EC50		275	mg/l
Duration of exposure		72	h

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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	
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.

12.7. Other adverse effects**General information**

May cause long lasting harmful effects to aquatic life.

Global Warming Potential

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Remarks not determined

General information / ecology

Do not release into waterways untreated.

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.

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	III	III	III
Limited Quantity	5 l		
Transport category	3		
14.5. Environmental hazards	-		-

Information for all modes of transport

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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

SECTION 15: Regulatory information**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 8AAE-S2TN-700K-Y6Y5

TA-Luft

Section 5.2.5: Organic Substances (to be indicated as total carbon; except for substances according 5.2.1.)	45	%
Mass flow 0,50 kg/h	Mass concentration 50	mg/m ³

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

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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: ***

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.

