

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

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

### **1.1. Product identifier**

**hygienicDES AC**

#### **Substance / product identification**

UFI

QAY1-M2W1-F00J-VJSN

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

#### **Use of the substance/preparation**

Private area and public health area disinfectants and other 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)

Skin Corr. 1C H314

Eye Dam. 1 H318

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

For explanation of abbreviations see section 16.

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

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## 2.2. Label elements

### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H314 Causes severe skin burns and eye damage.

#### Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.
P501	Dispose of contents/container according to the local/national rules and regulations.

#### Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Hexyl D-glucoside; FATTY ALCOHOL, ETHOXYLAT; alkyl ether carboxylic acid; alkyl ether carboxylic acid; L-(+)-lactic acid; methanesulphonic acid

#### Supplemental information

For professional use only.

## 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

#### Hazardous ingredients

##### alkyl ether carboxylic acid

CAS No.	53563-70-5
Concentration	>= 10 < 25 %
Classification (Regulation (EC) No. 1272/2008)	
Eye Dam. 1	H318

##### L-(+)-lactic acid

CAS No.	79-33-4
EINECS no.	201-196-2
Concentration	>= 3 < 10 %

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

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

Eye Dam. 1	H318
Skin Corr. 1C	H314

**Hexyl D-glucoside**

CAS No.	54549-24-5			
Concentration	>= 1	< 3	%	
Classification (Regulation (EC) No. 1272/2008)				
Eye Dam. 1	H318			

**FATTY ALCOHOL, ETHOXYLAT**

CAS No.	68439-46-3			
EINECS no.	N.D.			
Concentration	>= 1	< 3	%	
Classification (Regulation (EC) No. 1272/2008)				
Eye Dam. 1	H318			

**alkyl ether carboxylic acid**

CAS No.	105391-15-9			
Concentration	>= 1	< 3	%	
Classification (Regulation (EC) No. 1272/2008)				
Skin Irrit. 2	H315			
Eye Dam. 1	H318			

**methanesulphonic acid**

CAS No.	75-75-2			
EINECS no.	200-898-6			
Concentration	>= 1	< 3	%	
Classification (Regulation (EC) No. 1272/2008)				
Skin Corr. 1B	H314			

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

#### **After inhalation**

Ensure supply of fresh air. Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

#### **After skin contact**

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

#### **After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Eye treatment by an ophthalmologist.

#### **After ingestion**

Rinse mouth thoroughly with water. Drink water in small gulps. If swallowed, seek medical advice

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

immediately and show this container or label.

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

The following symptoms may occur: Shortness of breath

#### **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**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas. Compatible with all usual extinguishing media.

##### **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**

Use self-contained breathing apparatus.

##### **Other information**

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**

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

#### **6.2. Environmental precautions**

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

#### **6.3. Methods and material for containment and cleaning up**

Take up with absorbent material (eg sand, kieselguhr, universal binder). Rinse away rest with plenty of water.

#### **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. Observe the usual precautions for handling chemicals.

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

### Advice on protection against fire and explosion

The product is not combustible. Containers in danger should be cooled with water.

## 7.2. Conditions for safe storage, including any incompatibilities

### Recommended storage temperature

Value	10	25	°C
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### Storage stability

Storage life: 5 years

### Requirements for storage rooms and vessels

Keep only in original packaging. Storage rooms must be properly ventilated.

### Hints on storage assembly

Do not store together with foodstuffs. Do not store together with animal feedstocks.

### Storage classes

Storage class according to TRGS 510	8B	Non-combustible corrosive hazardous substances
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### Further information on storage conditions

Keep only in the original container, tightly closed, in a well ventilated place. Protect from heat and direct sunlight.

## 7.3. Specific end use(s)

For professional use only.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

There is not known any national exposure limit.

### 8.2. Exposure controls

#### General protective and hygiene measures

Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Observe the usual precautions for handling chemicals.

#### Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

#### Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material	nitrile
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Material thickness	=	0,5	mm
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Breakthrough time	>=	480	min
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z.B.: BRILLANT nitrilCOMFORT, Art.-Nr. 4451000700 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

#### Eye protection

Tightly fitting safety glasses

#### Body protection

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

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 to yellow-brown  
**Odour** Product specific

**Freezing point**  
 Value appr. -4 to 4 °C

**Boiling point or initial boiling point and boiling range**  
 Value appr. 100 °C

**Flash point**  
 Value > 100 °C

**Decomposition temperature**  
 Remarks No decomposition if used as prescribed.

**pH value**  
 Value appr. 1  
 Concentration/H<sub>2</sub>O = 100 %  
 Temperature = 20 °C

**Viscosity**  
 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. 1,03 to 1,05 g/cm<sup>3</sup>  
 Temperature = 20 °C

**Relative vapour density**  
 Remarks not determined

### **9.2. Other information**

**Sublimation point**  
 Remarks not determined

**Evaporation rate**  
 Remarks not determined

**Evaporation rate (ether = 1) :**  
 Remarks not determined

**Solubility in water**  
 Remarks miscible

**Auto-ignition temperature**

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

Remarks	not determined
<b>Combustion factor</b>	
Remarks	not determined
<b>Oxidising properties</b>	
evaluation	None known
<b>Bulk density</b>	
Remarks	not determined
<b>Packed bulk density</b>	
Remarks	not determined
<b>Solids content</b>	
Remarks	not determined
<b>Saturation Concentration</b>	
Remarks	not determined
<b>Critical point</b>	
Remarks	not determined
<b>Dissociation constant</b>	
Remarks	not determined
<b>Surface tension</b>	
Remarks	not determined
<b>Other information</b>	
None known	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None known

### 10.2. Chemical stability

Protect from extreme heat and cold.

### 10.3. Possibility of hazardous reactions

Protect from extreme heat and cold. Protect from contamination.

### 10.4. Conditions to avoid

Keep at temperature not exceeding 30 °C.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

Toxic gases/vapours

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

**Acute oral toxicity**

ATE > 10.000 mg/kg  
 Method calculated value (Regulation (EC) No. 1272/2008)

**Acute dermal toxicity**

ATE > 10.000 mg/kg  
 Method calculated value (Regulation (EC) No. 1272/2008)

**Acute inhalational toxicity**

>= 2000 mg/l

**Skin corrosion/irritation**

evaluation corrosive

**Serious eye damage/irritation**

evaluation corrosive

**Sensitization**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks not determined

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**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.

**SECTION 12: Ecological information****12.2. Persistence and degradability****General information**

not determined

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water (log value)**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

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

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

## General information

not determined

## 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

not determined

### Global Warming Potential

Remarks not determined

### General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 20 01 29\* detergents containing dangerous substances

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

## SECTION 14: Transport information

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	1903	1903	1903
14.2. UN proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (methanesulphonic acid)	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (methanesulphonic acid)	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (methanesulphonic acid)
14.3. Transport hazard class(es)	8	8	8
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

## 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

## SECTION 15: Regulatory information

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

less than 5 %:

non-ionic surfactants, phosphonates

#### Water Hazard Class (Germany)

Water Hazard Class

WGK 3

(Germany)

Remarks

Classification according to Annex 4 VwVwS

#### VOC

VOC (CH)

0,0

%

VOC (EU)

0,0

%

Trade name: hygienicDES AC

Substance number: SUB302022840000

Version: 9 / EU

Date revised: 01.10.2024

the date of issue: 30.01.19

Replaces Version: 8 / EU

Print date: 03.10.2024

### Other regulations, restrictions and prohibition regulations

Regulation (EC) No 2015/830

### Substance / product identification

UFI QAY1-M2W1-F00J-VJSN

## 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

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.

### CLP categories listed in Chapter 3

Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin irritation, Category 2

### Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

IMDG: International Maritime Code for Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

CAS: Chemical Abstracts Service

VOC: Volatile Organic Compound

MAK: Maximale Arbeitsplatz-Konzentration

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

DNEL: Derived no effect level

IMO: International Maritime Organization

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

CEFIC: European Chemical Industry Council

PNEC: Predicted no effect concentration

DMEL: Derived minimal effect level

DNEL: Derived no effect level

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

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.

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