

* Hypur Konz.

Date revised: 06.12.2021

8560009202

Version: 7 / GB

Master No. MA-211

Date of printing: 04.05.2022

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

1.1. Product identifier

Trade name

Hypur Konz.

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

Use of the substance/mixture

Odour binder

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

BÜFA Reinigungssysteme
GmbH & Co. KG August-Hanken-Str. 30
August-Hanken-Str. 30
26125 Oldenburg
Telephone no. +49 441 9317 0
Fax no. +49 441 9317 100
Information provided by / telephone Department product safety / +49 441 9317 108
E-Mail produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Poison Information Center Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

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

Skin Irrit. 2	H315
Eye Dam. 1	H318
Skin Sens. 1	H317
Aquatic Chronic 2	H411

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*
*

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

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

Danger

Hazard statements ***

H315 Causes skin irritation.

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H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements ***

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P273 Avoid release to the environment.
 P280.2 Wear protective gloves/ eye/ face protection.
 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.
 P391 Collect spillage.

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

contains *** Isotridecanol, ethoxylated; amides, coco, N,N-bis(hydroxyethyl);(ethylenedioxy)dimethanol;(R)-p-mentha-1,8-diene

2.3. Other hazards

The product does not contain PBT/vPvB-substances

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******amides, coco, N,N-bis(hydroxyethyl)**

CAS No.	68603-42-9			
EINECS no.	271-657-0			
Registration no.	01-2119490100-53-XXXX (EC931-329-6)			
Concentration	>=	10	<	25 %
Skin Irrit. 2	H315			
Eye Dam. 1	H318			
Aquatic Chronic 2	H411			

Isotridecanol, ethoxylated

CAS No.	69011-36-5			
EINECS no.	931-138-8			
Registration no.	IRRELEVANT (POLYMER)			
Concentration	>=	10	<	25 %
Acute Tox. 4	H302			
Eye Dam. 1	H318			

(ethylenedioxy)dimethanol

CAS No.	3586-55-8			
EINECS no.	222-720-6			
Registration no.	01-2120733841-56-XXXX			
Concentration	>=	10	<	25 %
Acute Tox. 4	H302			
Skin Irrit. 2	H315			
Eye Dam. 1	H318			

2-(2-Butoxyethoxy)ethanol

CAS No.	112-34-5			
EINECS no.	203-961-6			
Registration no.	01-2119475104-44-XXXX			
Concentration	>=	10	<	25 %
Eye Irrit. 2	H319			

Urea, polymer with formaldehyde

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CAS No.	9011-05-6				
EINECS no.	618-464-3				
Concentration	>=	1	<	10	%
Skin Irrit. 2	H315				
Eye Irrit. 2	H319				

(R)-p-mentha-1,8-diene

CAS No.	5989-27-5				
EINECS no.	227-813-5				
Registration no.	01-2119529223-47-XXXX				
Concentration	>=	2,5	<	10	%
Aquatic Chronic 1	H410				
Aquatic Acute 1	H400				
Flam. Liq. 3	H226				
Skin Irrit. 2	H315				
Skin Sens. 1	H317				
Asp. Tox. 1	H304				

hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

CAS No.	1335203-17-2				
EINECS no.	934-956-3				
Registration no.	01-2119827000-58-XXXX				
Concentration	>=	1	<	10	%
Asp. Tox. 1	H304				

White oils

CAS No.	8042-47-5				
EINECS no.	232-455-8				
Registration no.	01-2119487078-27-XXXX				
Concentration	>=	1	<	10	%
Asp. Tox. 1	H304				

Orange, sweet, ext.

CAS No.	8028-48-6				
EINECS no.	232-433-8				
Registration no.	01-2119493353-35-XXXX				
Concentration	>=	0,1	<	1	%
Flam. Liq. 3	H226				
Asp. Tox. 1	H304				
Skin Irrit. 2	H315				
Skin Sens. 1	H317				
Aquatic Chronic 2	H411				

For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****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 thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

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Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

5.3. Advice for firefighters

Cool endangered containers with water spray jet.

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 allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

2-(2-Butoxyethoxy)ethanol

List	EH40			
Type	WEL			
Value	67.5	mg/m ³	10	ppm(V)
Short term exposure limit	101.2	mg/m ³	15	ppm(V)

2-(2-Butoxyethoxy)ethanol

List	IOELV
Type	IOELV

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Value	67,5	mg/m ³	10	ppm(V)
Short term exposure limit	101,2	mg/m ³	15	ppm(V)

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

Respiratory protection

Not necessary.

Hand protection

Chemical resistant gloves

Appropriate Material nitrile

Material thickness >= 0,6 mm

Breakthrough time 480 min

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

Form liquid

Colour yellowish

Odour Aldehyde-like

pH value

Value 7 to 8

Flash point

Value > 100 °C

Density

Value appr. 1,01 kg/l

Solubility in water

Remarks miscible

Viscosity

kinematic

Value appr. 33 mm²/s

Temperature 40 °C

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

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10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

ATE	4.128	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	
Based on available data, the classification criteria are not met.		

Acute oral toxicity (Components)**Isotridecanol, ethoxylated**

Species	rat		
LC50	2000		mg/kg

2-(2-Butoxyethoxy)ethanol

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	rat		
LD50	3305		mg/kg

(ethylenedioxy)dimethanol

Species	rat		
LD50	761		mg/kg

Urea, polymer with formaldehyde

Species	rat		
LD50	8394		mg/kg

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)**2-(2-Butoxyethoxy)ethanol**

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	rabbit		
LD50	2764		mg/kg

Acute inhalational toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

evaluation	irritant
The classification criteria are met.	

Serious eye damage/irritation

evaluation	corrosive
The classification criteria are met.	

Sensitization

evaluation	May cause sensitization by skin contact.
The classification criteria are met.	

Sensitization (Components)**Orange, sweet, ext.**

May cause sensitization by skin contact.

(R)-p-mentha-1,8-diene

Route of exposure	dermal
evaluation	sensitizing

Mutagenicity

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Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)**Single exposure**

Based on available data, the classification criteria are not met.

Repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

The classification criteria are met.

Harmful: may cause lung damage if swallowed.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity****2-(2-Butoxyethoxy)ethanol**

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	sun perch		
LC50	1300		mg/l
Duration of exposure	96	h	

Daphnia toxicity**2-(2-Butoxyethoxy)ethanol**

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	Daphnia magna		
EC50	> 100		mg/l
Duration of exposure	48	h	

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	Daphnia magna		
NOEC	112		mg/l
Duration of exposure	14	d	

Algae toxicity**2-(2-Butoxyethoxy)ethanol**

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	Desmodesmus subspicatus		
ErC50	> 100		mg/l
Duration of exposure	72	h	
Method	OECD 201		

Bacteria toxicity**2-(2-Butoxyethoxy)ethanol**

Reference substance	2-(2-Butoxyethoxy)ethanol		
Species	activated sludge		
EC10	> 1995		mg/l
Duration of exposure	30	min	
Source	Literature value		

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Biodegradability**2-(2-Butoxyethoxy)ethanol**

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Reference substance	2-(2-Butoxyethoxy)ethanol		
Value	89	to	93 %
Duration of test evaluation	28	d	
Method	readily degradable OECD 301 C		

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The product does not contain PBT/vPvB-substances

12.6. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

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

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee
IMDG-Code segregation group		05 The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 l / 5 kg.
	The product is not subject to any other provisions of ADR provided packaging of not more than 5 l / 5 kg	

SECTION 15: Regulatory information *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC *****

VOC (EU) 15,75 %

Ingredients (Regulation (EC) No 648/2004)**Other information**

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

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

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SECTION 16: Other information**Hazard statements listed in Chapter 3**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

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.