

Trade name: ZACK

Substance number: SUB302020620000

Version: 14 / EU

Date revised: 01.10.2024

the date of issue: 12.05.07

Replaces Version: 13 / EU

Print date: 16.10.2025

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

1.1. Product identifier

ZACK

Substance / product identification

UFI 04PF-D0VU-J00N-D188

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

Use of the substance/preparation

Basic cleanser, 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)

Acute Tox. 4	H332
Skin Corr. 1B	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.

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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.

H332 Harmful if inhaled.

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.

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

contains sodium hydroxide; 2-aminoethanol; benzyl alcohol; 2-butoxyethanol

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

benzyl alcohol

CAS No. 100-51-6

EINECS no. 202-859-9

Concentration >= 10 < 13 %

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

Acute Tox. 4 H302

Acute Tox. 4 H332

cATpE oral 500 mg/kg

cATpE inhalative, Dust/Mist 1,5 mg/l

cATpE inhalative, Vapors 11 mg/l

2-butoxyethanol

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CAS No. 111-76-2
 EINECS no. 203-905-0
 Registration no. 01-2119475108-36-XXXX
 Concentration \geq 1 < 7 %
 Classification (Regulation (EC) No. 1272/2008)
 Skin Irrit. 2 H315
 Acute Tox. 4 H302
 Acute Tox. 3 H331
 Eye Irrit. 2 H319

ATE oral 1.200 mg/kg
 cATpE inhalative, Dust/Mist 0,5 mg/l
 cATpE inhalative, Vapors 3 mg/l

2-aminoethanol

CAS No. 141-43-5
 EINECS no. 205-483-3
 Concentration \geq 3 < 4,4 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H302
 Acute Tox. 4 H312
 Skin Corr. 1B H314
 Acute Tox. 4 H332

Concentration limits (Regulation (EC) No. 1272/2008)
 STOT SE 3 H335 \geq 5 %

cATpE oral 500 mg/kg
 cATpE dermal 1.100 mg/kg
 cATpE inhalative, Dust/Mist 1,5 mg/l
 cATpE inhalative, Vapors 11 mg/l

sodium hydroxide

CAS No. 1310-73-2
 EINECS no. 215-185-5
 Registration no. 01-2119457892-27-XXXX
 Concentration \geq 0,5 < 1 %
 Classification (Regulation (EC) No. 1272/2008)
 Skin Corr. 1A H314

Concentration limits (Regulation (EC) No. 1272/2008)
 Eye Irrit. 2 H319 \geq 0,5 < 2 %
 Skin Corr. 1A H314 \geq 5 %
 Skin Corr. 1B H314 \geq 2 < 5 %
 Skin Irrit. 2 H315 \geq 0,5 < 2 %

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

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When spray fog inhaled, seek medical aid immediately and show the physician the packing or the packing label. Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Seek medical advice immediately.

After eye contact

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

After ingestion

Do not induce vomiting. Drink water in small gulps. Never give anything by mouth to an unconscious person. Take medical treatment.

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

The following symptoms may occur: Shortness of breath, Coughing

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / hazards**

Risk of stomach perforation; Risk of respiratory disorders

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet, Foam, ABC powder, Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

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**

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

Other information

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

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

Use personal protective clothing. High risk of slipping due to leakage/spillage of product. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

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Appropriate Material nitrile
 Material thickness = 0,1 mm
 Breakthrough time > 480 min

z.B.: BRILLANT nitrilCOMFORT, Art.-Nr. 4451000700 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300
 Gloves (alkali-resistant)

Appropriate Material neoprene
 Material thickness = 0,35 mm
 Breakthrough time > 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Alkali-resistant protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state liquid

Colour brownish

Odour solvent-like

Freezing point

Value appr. -4 to 4 °C

Boiling point or initial boiling point and boiling range

Value appr. 100 °C

Upper and lower explosive limits

Remarks Not applicable

Flash point

Value > 100 °C

Remarks not determined

Ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks No decomposition if used as prescribed.

pH value

Value appr. 13,0 to 13,6

Concentration/H₂O 100 %

Temperature 20 °C

Remarks alkaline

Value appr. 11

Concentration/H₂O 100 g/l

Viscosity

dynamic

Value appr. 15 mPa.s

Temperature 20 °C

Solubility(ies)

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Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative densityValue appr. 1,02 g/cm³

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 Completely miscible

Oxidising properties

Remarks Not applicable

Bulk density

Remarks not determined

Packed bulk density

Remarks not determined

Solvent content

Value = 22,3 %

Solids content

Remarks not determined

Surface tension

Remarks not determined

Other information

None known

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

Reactions with acids and strong oxidising agents.

10.2. Chemical stability

Protect from extreme heat and cold.

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10.3. Possibility of hazardous reactions

Protect from contamination.

10.4. Conditions to avoid

Do not store at temperatures below -5 °C.

10.5. Incompatible materials

Product reacts with: Acids, Oxidising agents

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	2.682,58	mg/kg
	33	

Method	calculated value (Regulation (EC) No. 1272/2008)	
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Acute oral toxicity (Components)**2-butoxyethanol**

ATE	1200	mg/kg
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Acute dermal toxicity

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

ATE	28,0462	mg/l
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Administration/Form	Vapors	
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Method	calculated value (Regulation (EC) No. 1272/2008)	
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ATE	4,2858	mg/l
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Administration/Form	Dust/Mist	
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Method	calculated value (Regulation (EC) No. 1272/2008)	
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Skin corrosion/irritation

evaluation	irritant
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Serious eye damage/irritation

evaluation	strongly corrosive
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Sensitization

evaluation	non-sensitizing
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Subacute, subchronic, chronic toxicity

Remarks	No data available
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Mutagenicity

Remarks	No data available
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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

The product has a strong caustic effect on the skin, eyes and mucous membranes.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****benzyl alcohol**

Species	Bluegill (<i>Lepomis macrochirus</i>)			
LC50	=	10		mg/l
Duration of exposure	=	96	h	

2-butoxyethanol

	=	1250	to	1490	mg/l
Duration of exposure	=	96	h		

Daphnia toxicity (Components)**benzyl alcohol**

Species	Daphnia magna			
EC50	=	400		mg/l
Duration of exposure	=	24	h	

2-butoxyethanol

LC50	=	800		mg/l
Duration of exposure	=	48	h	

Algae toxicity (Components)**benzyl alcohol**

Species	Scenedesmus quadricauda			
IC5	=	640		mg/l
Duration of exposure	=	96	h	

sodium hydroxide

Remarks No data available

Bacteria toxicity (Components)**sodium hydroxide**

Remarks No data available

2-aminoethanol

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Species	activated sludge	
EC50	> 1000	mg/l

12.2. Persistence and degradability

General information

No data available

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

Not applicable

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

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

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 15* alkalines
Dispose of as hazardous waste.

Disposal recommendations for packaging

EWC waste code 20 01 39 plastics
Completely emptied packagings can be given for recycling.

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SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-

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

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

VOC

VOC (CH)	22,3	%
VOC (EU)	22,3	%

Substance / product identification

UFI	04PF-D0VU-J00N-D188
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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

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(EC) No 1272/2008 [CLP]: Based on test data, calculation method;

Hazard statements listed in Chapter 3

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.

CLP categories listed in Chapter 3

Acute Tox. 3	Acute toxicity, Category 3
Acute Tox. 4	Acute toxicity, Category 4
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS: Chemical Abstracts Service
IMDG: International Maritime Code for Dangerous Goods
EAK: Europäischer Abfallkatalog
EINECS: European Inventory of Existing Commercial Chemical Substances
VOC: Volatile Organic Compound
INCI: International Nomenclature of Cosmetic Ingredients
MAK: Maximale Arbeitsplatz-Konzentration
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
NOEL: No observable effect level
NOEC: No observable effect concentration
LD: Lethal dose
LC: Lethal concentration
GHS: Globally Harmonized System of classification and Labelling of Chemicals
EU: European Union
EC: European Community
IMO: International Maritime Organization
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
DNEL: Derived no effect level
DMEL: Derived minimal effect level
PNEC: Predicted no effect concentration
CEFIC: European Chemical Industry Council
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.

