



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

1.1 Product identifier

Trade name: Waschkonzentrat

UFI: K020-00VM-V004-26Q9

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

Application of the substance / the mixture laundry detergent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Uni Sapon GmbH

Industriepark Runa

Albert-Schädler-Straße 7

A-6800 Feldkirch

T: +43 5522 23440

Email: office@uni-sapon.com

Further information obtainable from:

Marion Reichart

Email: marion@uni-sapon.com

1.4 Emergency telephone number:

+43 5522 23440

Available during office hours:

Mo - Th: 08.00 - 12.00 h und 13.30 - 16.30 h

Fr: 08.00 - 12.00 h

Call the national emergency number!

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Additional information: For the wording of the hazard categories, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

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**Trade name: Waschkonzentrat**

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Hazard-determining components of labelling:

D-Glucopyranose, oligomers, decyl octyl glycosides

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains Orange, sweet, extr. (Orangeoil sweet), Lavender, Lavandula angustifolia, ext.. May produce an allergic reaction.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** No data available.**vPvB:** No data available.**Determination of endocrine-disrupting properties**The product does not contain substances with endocrine-disrupting properties ≥ 0.1 %(w/w).**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-XXXX	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz Alternative CAS number: 9004-82-4 Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: $C \geq 10\%$ Eye Irrit. 2; H319: $5\% \leq C < 10\%$	5 – < 10%
CAS: 110615-47-9 EC number: 600-975-8 Reg.nr.: 01-2119489418-23-XXXX	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides Eye Dam. 1, H318 Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: $C \geq 30\%$ Eye Dam. 1; H318: $C \geq 12\%$	1 – < 5%

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CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 RTECS: KQ 6300000 Reg.nr.: 01-2119457610-43-XXXX	ethanol Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	1 – < 5%
CAS: 68515-73-1 NLP: 500-220-1 Reg.nr.: 01-2119488530-36-XXXX	D-Glucopyranose, oligomers, decyl octyl glycosides Eye Dam. 1, H318	1 – < 3%
CAS: 8028-48-6 EINECS: 232-433-8 Reg.nr.: 01-2119493353-35-XXXX	Orange, sweet, extr. (Orangeoil sweet) Consisting of: 5989-27-5 (R)-p-mentha-1,8-diene (96%); 5392-40-5 Citral (1%); 78-70-6 Linalool (1%) Alternative CAS number: 8008-57-9 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Skin Sens. 1, H317	< 1%
CAS: 90063-37-9 EINECS: 289-995-2	Lavender, Lavandula angustifolia, ext. Consisting of: 78-70-6 Linalool (22 – 36%); 3338-55-4 cis-beta-Ocimene (≤ 9%); 562-74-3 4-Carvomenthenol (≤ 9%); 87-44-5 beta-Caryophyllene (≤ 7%); 13877-91-3 3,7-Dimethyl-1,3,6-octatriene (≤ 6%) Alternative CAS number: 8000-28-0 Asp. Tox. 1, H304 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Aquatic Chronic 3, H412	< 0.25%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants, non-ionic surfactants	≥5 - <15%
soap	<5%
perfumes (LIMONENE, LINALOOL, CITRAL)	

Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

After inhalation: In case of unconsciousness place patient stably in side position for transportation.**After skin contact:**

Wash with plenty of soap and water.

Take off contaminated clothing and wash it before reuse.

Seek medical treatment.

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**Trade name: Waschkonzentrat**

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After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical treatment.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

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

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, dangerous combustion gases or vapours may be generated.

5.3 Advice for firefighters**Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Avoid breathing mist/vapours/spray.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace.
- Keep receptacles tightly sealed.
- Avoid contact with skin and eyes.
- Avoid breathing mist/vapours/spray.
- Eye wash bottles and emergency showers should be provided in the immediate area near the workplace.
- Use personal protective equipment as required.
- Observe protective measures and safety instructions.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

- Store in a dry, cool, well-ventilated area.
- Store in accordance with local/regional/national/international regulations.

Information about storage in one common storage facility: Store away from incompatible materials.

Further information about storage conditions: Keep container tightly sealed.

Recommended storage temperature: room temperature

Storage class: 12

7.3 Specific end use(s) No further relevant information available.

*** SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 64-17-5 ethanol

MAK (Austria)	Short-term value: 3800 mg/m ³ , 2000 ppm Long-term value: 1900 mg/m ³ , 1000 ppm
AGW (Germany)	Long-term value: 380 mg/m ³ , 200 ppm 4(II);DFG, Y
LEP (Spain)	Short-term value: 1910 mg/m ³ , 1000 ppm s
VLEP (France)	Short-term value: 9500 mg/m ³ , 5000 ppm Long-term value: 1900 mg/m ³ , 1000 ppm
WEL (Great Britain)	Long-term value: 1920 mg/m ³ , 1000 ppm
TWA (Italy)	Short-term value: 1884 mg/m ³ , 1000 ppm A3
WGW (Netherland)	Short-term value: 1900 mg/m ³ , 1000 ppm Long-term value: 260 mg/m ³ , 137 ppm

Regulatory information

- MAK (Austria): GKV 2020, 156. Verordnung, 09.04.2021, Teil II
- AGW (Germany): TRGS 900

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LEP (Spain): Límites de exposición profesional para agentes químicos

VLEP (France): ED 1487 05.2021

WEL (Great Britain): EH40/2020

TWA (Italy): Valori Limite di Soglia

WGW (Netherland): Grenswaarden gezondheidsschadelijke stoffen

DNELs

CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz

Oral	Long-term exposure - systemic effects	15 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	1,650 mg/kg bw/d (consumer) 2,750 mg/kg bw/d (workers)
	Long-term exposure - local effects	0.079 mg/cm ² (consumer) 0.132 mg/cm ² (workers)
Inhalative	Long-term exposure - systemic effects	52 mg/m ³ (consumer) 175 mg/m ³ (workers)

CAS: 64-17-5 ethanol

Inhalative	Long-term exposure - systemic effects	114 mg/m ³ (consumer) 380 mg/m ³ (workers)
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CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

Oral	Long-term exposure - systemic effects	35.7 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	357,000 mg/kg bw/d (consumer) 595,000 mg/kg bw/d (workers)
	Long-term exposure - systemic effects	124 mg/m ³ (consumer) 420 mg/m ³ (workers)

CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)

Oral	Long-term exposure - systemic effects	4.44 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	4.44 mg/kg bw/d (consumer) 8.89 mg/kg bw/d (workers)
	short-term exposure - local effects	0.0929 mg/cm ² (consumer) 0.1858 mg/cm ² (workers)
Inhalative	Long-term exposure - systemic effects	7.78 mg/m ³ (consumer) 31.1 mg/m ³ (workers)

CAS: 90063-37-9 Lavender, *Lavandula angustifolia*, ext.

Oral	Long-term exposure - systemic effects	0.0889 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	0.0889 mg/kg bw/d (consumer) 0.249 mg/kg bw/d (workers)
	Long-term exposure - systemic effects	0.132 mg/m ³ (consumer) 0.877 mg/m ³ (workers)

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PNECs	
CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	
fresh water	0.24 mg/l
sea water	0.024 mg/l
intermittent release (fresh water)	0.071 mg/l
STP	10,000 mg/l
sediment (fresh water)	0.917 mg/kg dw
sediment (sea water)	0.092 mg/kg dw
soil	7.5 mg/kg dw
CAS: 64-17-5 ethanol	
fresh water	960 µg/l
sea water	790 µg/l
intermittent release (fresh water)	2.75 mg/l
STP	580 mg/l
sediment (fresh water)	3.6 mg/kg dw
sediment (sea water)	2.9 mg/kg dw
soil	0.63 mg/kg dw
oral	0.38 mg/kg food
CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides	
fresh water	0.176 mg/l
sea water	0.018 mg/l
intermittent release (fresh water)	0.27 mg/l
STP	560 mg/l
sediment (fresh water)	1.516 mg/kg dw
sediment (sea water)	0.152 mg/kg dw
soil	0.654 mg/kg dw
oral	111.11 mg/kg food
CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)	
fresh water	5.4 µg/l
sea water	0.54 µg/l
intermittent release (fresh water)	5.77 µg/l
STP	2.1 mg/l
sediment (fresh water)	1.3 mg/kg dw
sediment (sea water)	0.13 mg/kg dw
soil	0.261 mg/kg dw
CAS: 90063-37-9 Lavender, Lavandula angustifolia, ext.	
fresh water	0.29 µg/l
sea water	0.029 µg/l

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intermittent release (fresh water)	2.9 µg/l
STP	0.2 mg/l
sediment (fresh water)	0.109 mg/kg dw
sediment (sea water)	0.0109 mg/kg dw
soil	21.8 µg/kg soil dw

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**Appropriate engineering controls**

No further data; see section 7.

Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye wash bottles and emergency showers should be provided in the immediate area near the workplace.

Respiratory protection:

Not necessary if used as prescribed.

Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection

Protective gloves

EN 374

Material of gloves

Rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Eye/face protection



Tightly sealed goggles

EN 166

Body protection: Protective work clothing**Environmental exposure controls** Do not allow to enter sewers/ surface or ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Yellow
Odour:	Orange
Odour threshold:	No information available.
Melting point/freezing point:	No information available.
Boiling point or initial boiling point and boiling range	No information available.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	No information available.
Upper:	No information available.
Flash point:	Not applicable.
Decomposition temperature:	No information available.
pH at 20 °C	7 – 9.5
Viscosity:	
Kinematic viscosity	No information available.
Dynamic:	No information available.
Solubility water:	Fully miscible.

Partition coefficient n-octanol/water (log value)

68891-38-3	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	0,3 log Kow
64-17-5	ethanol	-0,35 log Kow
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1,72 log Kow

Vapour pressure at 20 °C: ≤ 23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)

Density and/or relative density

Density: No information available.

Vapour density No information available.

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9.2 Other information

Appearance:

Form: Fluid

Important information on protection of health and environment, and on safety.

Ignition temperature:

64-17-5 ethanol 363 - 425 ° C

Explosive properties: Product does not present an explosion hazard.

Change in condition

Softening point/range

Oxidising properties

No information available.

Evaporation rate

No information available.

Information with regard to physical hazard

classes

Explosives void

Flammable gases void

Aerosols void

Oxidising gases void

Gases under pressure void

Flammable liquids void

Flammable solids void

Self-reactive substances and mixtures void

Pyrophoric liquids void

Pyrophoric solids void

Self-heating substances and mixtures void

Substances and mixtures, which emit flammable gases in contact with water void

Oxidising liquids void

Oxidising solids void

Organic peroxides void

Corrosive to metals void

Desensitised explosives void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: Acids

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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* SECTION 11: Toxicological information

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

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

LD/LC50 values relevant for classification:

CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz

Oral	LD50	4,100 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)

CAS: 64-17-5 ethanol

Oral	LD50	10,470 mg/kg (rat)
Inhalative	LC50/4 h	124.7 mg/l (rat)

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (Rabbit)

CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)

Oral	LD50	> 5,000 mg/kg (rat)
Dermal	LD50	> 5,000 mg/kg (Rabbit)

CAS: 90063-37-9 Lavender, Lavandula angustifolia, ext.

Oral	LD50	> 5,000 mg/kg (rat)
Dermal	LD50	> 5,000 mg/kg (Rabbit)

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Note: Classification based on bridging principles. A similar mixture was tested.

Respiratory or skin sensitisation

Contains Orange, sweet, extr. (Orangeoil sweet), Lavender, Lavandula angustifolia, ext.. May produce an allergic reaction.

Germ cell mutagenicity 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.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

11.2 Information on other hazards

Endocrine disrupting properties

CAS: 78-93-3	butanone	List II
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**Trade name: Waschkonzentrat**

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SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:****CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz**

EC50 (48 h)	7.2 mg/l (daphnia)
EC50 (72 h)	27 mg/l (algae)
LC50 (96 h)	7.1 mg/l (fish)
NOEC (21 d)	0.27 mg/l (daphnia)
NOEC (28 d)	0.2 mg/l (fish)
EC50 (21 d)	0.37 mg/l (daphnia)

CAS: 64-17-5 ethanol

EC50 (48 h)	12,340 mg/l (daphnia) (Daphnia magna)
LC50 (96 h)	12,900 – 15,300 mg/l (fish) (Onchorhynchus mykiss)

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

EC50 (48 h)	> 100 mg/l (daphnia)
LC50 (96 h)	100.81 mg/l (fish)

CAS: 90063-37-9 Lavender, Lavandula angustifolia, ext.

LL50 (96 h)	29,173 mg/l (fish)
EC50 (3 h)	1,230 mg/l (microorganisms)
EL50 (48 h)	21,995 mg/l (daphnia)
ErL50 (72 h)	13 mg/l (algae)

12.2 Persistence and degradability

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

68891-38-3	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	100 % (28 d)
64-17-5	ethanol	95 % (20 d)
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	100 % (28 d)

12.3 Bioaccumulative potential

68891-38-3	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	0,3 log Kow
64-17-5	ethanol	-0,35 log Kow
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1,72 log Kow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

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**Trade name: Waschkonzentrat**

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12.7 Other adverse effects**Additional ecological information:****General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Only dispose of product residues via authorised companies according to local legislation.

European waste catalogue

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

20 01 29*	detergents containing hazardous substances
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Uncleaned packaging:**Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR/RID/ADN, IMDG, IATA

not regulated

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA

not regulated

14.3 Transport hazard class(es)

ADR/RID/ADN, ADN, IMDG, IATA

Class

not regulated

14.4 Packing group

ADR/RID/ADN, IMDG, IATA

not regulated

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO

instruments

Not applicable.

UN "Model Regulation":

not regulated

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU**

Named dangerous substances - ANNEX I None of the ingredients is listed.

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REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

CAS: 78-93-3 butanone 3

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

CAS: 78-93-3 butanone 3

National regulations:**Information about limitation of use:** Employment restrictions concerning juveniles must be observed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

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.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Training hints

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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Serious eye damage/irritation	Bridging principles
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Printing date 26.03.2024

Version number 2.5 (replaces version 2.4)

Revision: 26.03.2024

Trade name: Waschkonzentrat

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Department issuing SDS:

UmEnA GmbH

<http://umena.at>

Email: office@umena.at

Date of previous version: 16.03.2023

Version number of previous version: 2.4

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**