

Kabelglide

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

1.1 - Product identifier

Trade Kabelglide

name/designation Chemical name

Product-type Mixture Product code 713.400.000

UFI: KX20-D07U-0007-AY2E

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

Relevant identified uses

- Aerosols

- Lubricants, greases, release products

1.3 - Details of the supplier of the safety data sheet

ECS Cleaning Solutions GmbH

Wolfener Str. 32-34 D-12681 Berlin Germany

Telephone: +49 (0)30 / 36 46 40 36 gunnar.kleinmann@ecsag.com

Distributor

ECS AG

Roosstrasse 53 CH-8832 Wollerau

gunnar.kleinmann@ecsag.com

+41 (0)44 / 787 53 56

1.4 - Emergency telephone number

Giftnotrufzentrale (Österreich)

Tel. No.: +43 1 406 4343

Centar za kontrolu trovanja (Hrvatska)

Tel. No.: +385 1 234 8342

Hotline voor gifbestrijding (Denemarken)

Tel. No.: +45 82 12 12 12

Mürgistusteabekeskus (Eesti)

Tel. No.: +372 794 3794 (või 16662 riiklikku)

ORFILA (INERIS) (France) Tel. No.: +33 (0) 1 45 42 59 59

Vergiftungs-Informations-Zentrale (Deutschland)

Notfalltelefon: +49 761 19240

Eitrunarmiðstöð (Ísland) Tel. No.: +354 543 2222

CAV Milano Niguarda Ca' Granda (Italy)

Tel. No.: +39 02 66101029

CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA

Tel. No.: +39 06 68593726

Ionad Faisnéise Náisiúnta Nimheanna (Éire) Tel. No.: +353 (0)1 809 2566 / +353 (0)1 837 9964

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Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia)

Tel. No.: +371 670 42473

Valstybinė vaistų kontrolės tarnyba (VVKT), Apsinuodijimų informacijos biuras (VTI) (Lietuva)

Tel. No.: +370 5 236 20 52

Isptar Mater Dei (Malta) Tel. No.: +356 2545 0000

Nationaal Vergiftigingen Informatie Centrum (NVIC) (Nederland)

Tel. No.: +31 (0) 30 274 8888

Hjelpetelefon for psykisk helse (Norge)

Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)

Tel. No.: +351 213 303 271

Servicio de Información Toxicológica (España)

Tel. No.: +34 91 562 04 20

Svensk Giftinformationscentral (Sverige)

Tel. No.: +46 08 331231

Schweizerisches Toxikologisches Informationszentrum (Schweiz)/ Centro svizzero di informazione tossicologica (Svizzera)/ Centre Suisse d'Information Toxicologique (Suisse)

Tel. No.: +41 44 251 51 51

Tox Info Suisse Notrufnummer: 145 (24 Stunden)/ Numero di emergenza Tox Info Suisse: 145 (24 ore)/ Tox Info

Suisse Numéro d'urgence: 145 (24h/24)

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2	Irritation, Category 2	
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)	
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2	
Aerosol 1	Aerosol - Category 1	

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Hydrocarbons, C6, isoalkanes, <5% n-hexane (CAS No.:)

Signal word : Danger

Hazard pictograms







Hazard statements

H222	Extremely flammable aerosol
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H229	Pressurised container: May burst if heated	
H315	Causes skin irritation	
H336	May cause drowsiness or dizziness	
H411	Toxic to aquatic life with long lasting effects	

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
EUH-phrases	: None

2.3 - Other hazards

PBT-substance.

- This substance does not meet the PBT/vPvB criteria of

REACH, Annex XIII.

vPvB-substance.

- This substance does not meet the PBT/vPvB criteria of

REACH, Annex XIII.

Other hazards which do not result in classification - In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
Hydrocarbons, C6, isoalkanes, <5% n-hexane	CAS No. : Index No. : EC No. : 931-254-9 REACH No. : 01- 2119484651-34	>= 40 - < 45	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 (H336) - H336	Not applicable
butane INCI: BUTANE	CAS No. : 106-97-8 Index No. : 601-004-00-0 EC No. : 203-448-7	>= 25 - < 30	Flam. Gas 1 - H220 Press. Gas	Not applicable
propane INCI: PROPANE	CAS No. : 74-98-6 Index No. : 601-003-00-5 EC No. : 200-827-9	>= 12.5 - < 15	Flam. Gas 1 - H220 Press. Gas	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation	 Provide fresh air. When in doubt or if symptoms are observed, get medical advice.
Following skin contact	- After contact with skin, wash immediately with plenty of water and soap.

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	- In case of skin irritation, consult a physician.
After eye contact	Rinse immediately carefully and thoroughly with eye-bath or water.In case of eye irritation consult an ophthalmologist.
After ingestion	Observe risk of contration if veniting accura
After ingestion	- Observe risk of aspiration if vomiting occurs.
	 If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
	- Rinse mouth thoroughly with water.
	 When in doubt or if symptoms are observed, get medical advice.
4.2 - Most important symptoms and effects, b	ooth acute and delayed
Symptoms and effects - Following inhalation	- No information available.
Symptoms and effects - Following skin contact	- Causes skin irritation.
Symptoms and effects - After eye contact	- No information available.

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

- Treat symptomatically.
- In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

No information available.

SECTION 5: Firefighting measures

Symptoms and effects - After ingestion

5.1 - Extinguishing media

gg	
Suitable extinguishing media	ABC-powderCarbon dioxide (CO2)Foam
	- Extinguishing powder
Unsuitable extinguishing media	- Full water jet

5.2 - Special hazards arising from the substance or mixture		
Special hazards arising from the substance or mixture	 Extremely flammable aerosol. Pressurized container: May burst if heated. 	
	- Vapours can form explosive mixtures with air.	
Hazardous decomposition products	- No information available.	

5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- Move undamaged containers from immediate hazard area if it can be done safely.
- Use water spray jet to protect personnel and to cool endangered containers.
- Suppress gases/vapours/mists with water spray jet.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Do not allow run-off from fire-fighting to enter drains or water courses.

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SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

on a production, protocure equipment and emergency procedure

For non-emergency personnel - Use personal protection equipment. - Provide adequate ventilation.

- Remove all sources of ignition.

- Avoid breathing dust/fume/gas/mist/vapours/spray.

- Avoid contact with skin, eyes and clothes.

- Remove persons to safety.

<u>For emergency responders</u>
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2 - Environmental precautions

- Do not allow uncontrolled discharge of product into the environment.
- Explosion risk.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment	- No information available.
Methods and material for cleaning up	 Ventilate affected area. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

- No information available.

6.4 - Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

Inappropriate techniques

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	 Do not pierce or burn, even after use. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.
	- Heating causes rise in pressure with risk of bursting.
Advices on general occupational hygiene	Draw up and observe skin protection programme.Remove contaminated, saturated clothing immediately.

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- Wash hands and face before breaks and after work and take a shower if necessary.
- Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep locked up.
- Store in a place accessible by authorized persons only.
- Provide adequate ventilation as well as local exhaustion at critical locations.
- Keep container tightly closed in a cool, well-ventilated place.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not store together with: Oxidising agent
- Pyrophoric or self-heating substances

7.3 - Specific end use(s)

- Aerosols
- Lubricants, greases, release products

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

butane (106-97-8)	
IOELV TWA mg/m3 (UE)	1450 mg/m3
IOELV TWA ppm (UE)	600 ppm
TWA EH40 ppm (UK)	600 ppm
TWA EH40 mg/m³ (UK)	1450 mg/m3
STEL EH40 ppm (UK)	750 ppm
STEL EH40 mg/m³ (UK)	1810 mg/m3

DNEL / PNEC

Hydrocarbons, C6, isoalkanes, <5% n-hexane				
Type Value User Effect				
DNEL long-term oral (repeated)	1301 mg/kg bw/day	Consumers	Systemic	
DNEL long-term inhalative	5306 mg/m3	Workers	Systemic	
DNEL long-term inhalative 1131 mg/m3		Consumers	Systemic	
DNEL long-term dermal 1377 mg/kg bw/day		Consumers	Systemic	

8.2 - Exposure controls

Appropriate engineering controls

- Do not breathe dust/fume/gas/mist/vapours/spray.
- If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

<u>Individual protection measures, such as personal</u> protective equipment

- Wear eye/face protection.
- Eye glasses with side protection
- DIN EN 166
- Tested protective gloves must be worn



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- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
- Suitable material: Butyl caoutchouc (butyl rubber)
- Suitable material: NBR (Nitrile rubber)
- Breakthrough time: > 480 min.
- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Wear anti-static footwear and clothing
- This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Environmental exposure controls

- No information available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	gaseous	<u>Appearance</u>	Liquid	
Colour	colourless	<u>Odour</u>	hydrocarbons, aliphatic	
Odour threshold		No data available		
рН		No data available		
Melting point		No data available		
Freezing point		No data available		
Boiling point		< -20 °C		
Flash point		< -20 °C		
Evaporation rate		No data available		
flammability		No data available		
Lower explosion limit		1.1 % Vol.		
Upper explosion limit	Upper explosion limit		10.9 % Vol.	
Vapour pressure		No data available		
Vapour density		No data available		
Relative density		No data available		
Density		0.64 g/cm3		
Solubility (Water)		practically insoluble		
Solubility (Ethanol)		No data available		

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Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	534.976 g/l
Minimum ignition energy	No data available
Conductivity	No data available
VOC Composite Partial Pressure (Calculated @ 20oC/68oF)	No data available
C.A.R.B. V.O.C.	No data available
% Photo Chemically Reactive	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- Extremely flammable aerosol. Pressurized container: May burst if heated.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- Vapours can form explosive mixtures with air.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- No information available.

SECTION 11: Toxicological information

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

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Acute toxicity	- Not classified	
Toxicity: Mixture		
	LD50 oral (rat)	No data available
	LD50 dermal (rat)	No data available
	LD50 dermal (rabbit)	No data available
	LC50 inhalation (rat)	No data available
	LC50 inhalation dusts and mists (rat)	No data available
	LC50 inhalation vapours (rat)	No data available
	- Based on available data, the classification of	criteria are not met.
Toxicity: Substances		
	Hydrocarbons, C6, isoalkanes, <5% n-hexar	ne ()
	LD50 oral (rat)	> 16750 mg/kg
	LD50 dermal (rabbit)	> 3350 mg/kg
	butane (106-97-8)	3 3
	LC50 inhalation (rat)	> 800000 ppmV
	LC50 inhalation vapours (rat)	658 mg/l
	propane (74-98-6)	
	LC50 inhalation (rat)	> 800000 ppmV
	LC50 inhalation vapours (rat)	20 mg/l
Skin corrosion/irritation	- Irritation, Category 2 - Causes skin irritation	1
	- Irritating to skin.	
Serious eye damage/eye irritation	- Not classified	
	- Based on available data, the classification of	criteria are not met.
Respiratory or skin sensitisation	- Not classified	
	- Based on available data, the classification of	criteria are not met.
Germ cell mutagenicity	- Not classified	
	- Based on available data, the classification of	criteria are not met.
Carcinogenicity	- Not classified	
	- Based on available data, the classification of	criteria are not met.
Reproductive toxicity	- Not classified	
	- Based on available data, the classification of	criteria are not met.
STOT-single exposure	 STOT-single exposure - Category 3 (H336) dizziness 	- May cause drowsiness or
	- May cause drowsiness or dizziness.	
STOT-repeated exposure	- Not classified	
Aspiration hazard	- Not classified	
11.2 - Information on other	hazards	
STOT-repeated exposure Aspiration hazard	dizziness - May cause drowsiness or dizziness. - Not classified - Not classified	

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- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity: Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity: Substances

Hydrocarbons, C6, isoalkanes, <5% n-hexane ()		
LC50 96 hr fish	18.27 mg/l	
ErC50 algae	13.56 mg/l	
butane (106-97-8)		
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l	
ErC50 algae	7.71 mg/l < V < 16.5 mg/l	
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l	
propane (74-98-6)		
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l	
ErC50 algae	7.71 mg/l < V < 16.5 mg/l	
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l	

⁻ Toxic to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available	
Log KOC	No data available	

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	 Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains. 16 05 04 WASTES NOT OTHERWISE SPECIFIED IN THE LIST gases in pressure containers and discarded chemicals Gases in pressure containers (including halons) containing hazardous substances hazardous waste Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of empty or partially emptied packaging/container/can after appropriate use of the product to municipal waste.
Sewage disposal	- No information available.
Special precautions for waste treatment	- No information available.

- No information available.

SECTION 14: Transport information

Community or national or regional provisions

14.1 - UN number or ID number

 UN number (ADR)
 : UN1950

 UN number (RID)
 : UN1950

 UN number (ADN)
 : UN1950

 UN number (IMDG)
 : UN1950

 UN number (IATA)
 : UN1950

14.2 - UN proper shipping name

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UN proper shipping name

(ADR)

UN proper shipping name

(RID)

UN proper shipping name

(ADN)

UN proper shipping name

(IMDG)

UN proper shipping name

AEROSOLS

AEROSOLS

AEROSOLS

AEROSOLS

AEROSOLS, FLAMMABLE

(IATA)

14.3 - Transport hazard class(es)

ADR Transport hazard

class(es)

ADR Classification code:

5F

2

Pictograms





Transport hazard class(es) 2

(RID)

Pictograms



Transport hazard class(es) 2

(ADN)

Pictograms





Transport hazard class(es) 2

(IMDG)

Pictograms



Transport hazard class(es) (IATA) 2

Pictograms





14.4 - Packing group

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Packing group (RID) :

Packing group (ADN) :
Packing group (IMDG) :

Packing group (IATA)

14.5 - Environmental hazards

<u>Environmental hazards</u> : Yes.

Marine pollutant : Hazardous to the aquatic environment - Aquatic Chronic 2

14.6 - Special precautions for user

ADR

ADR Classification code: 5F

ADR Special provisions : 190+327+344+625

ADR Limited quantity (LQ) : 1L
ADR Excepted quantities : E0

ADR Packing instructions

ADR Special packing provisions :

ADR Mixed packing provisions

Instructions for portable tanks and bulk containers

Special provisions for portable tanks and bulk containers

ADR tank code

ADR tanks special provisions

Vehicle for tank carriage

ADR Transport category : 2
ADR Tunnel restriction code : D

ADR Special provisions loading, unloading and handling : CV9 CV12

Special provisions - Packages : V14

Special provisions - Bulk

<u>Special provisions - Operation</u> : S2

ADR Hazard identification number (Kemler No.)

RID

Special provisions : 190+327+344+625

Limited quantity (LQ) : 1L Excepted quantities : E0

<u>ADN</u>

Special provisions : 190+327+344+625

Limited quantity (LQ) : 1L Excepted quantities : E0

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IMDG

<u>Special provisions</u> : 63 190 277 327 344 381 959

<u>Limited quantity (LQ)</u> : 1000 ml Excepted quantities : E0

<u>Packing instructions</u> : P207 LP200 <u>Special packing provisions</u> : PP87 L2

IBC instruction(s)

IBC provisions

Instructions for portable tanks and bulk containers

Special provisions for portable tanks and bulk containers

EmS codes:F-D, S-UStowage and handling:Category None
SW1 SW22

Segregation : SG69

Properties and observations

IATA

PCA - Excepted quantities:E0PCA - Limited Quantity - Packing Instructions:Y203PCA - Limited Quantity - Maximum Net Quantity per Package:30kgPCA - Packing Instructions:203PCA - Maximum Net Quantity per Package:75kgCAO - Packing Instructions:203CAO - Maximum Net Quantity per Package:150kg

Special Provisions : A145 A167 A802

ERG Code :

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Substances REACH None

candidates

Substances Annex XIV None
Substances Annex XVII None

VOC content 534.976 g/l

- – COMMISSION REGULATION (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII thereto. The Regulation has been published in the Official Journal of the European Union No. L 168/5 on 21 June, 2006;
- COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016;
- COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);
- - COUNCIL DIRECTIVE of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (OJ L 147, 9.6.1975, p. 40)

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- – On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;
- - REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (OJ L 104/1, 8.4.2004, p.001-0035);
- Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction No. L 136/3, 2007-5-29);
- - The European Agreement concerning International Carriage of Dangerous Goods by Road (ADR).
- 850/2004/EC, 79/117/EEC, 689/2008/EC, 2008/47/EC
- Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work
- Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
- Swiss Regulations: Article 4 para. 4 of the Ordinance on the protection of young people in the workplace (SR 822.115) and Article 1 lit. f of the EAER regulation on hazardous work and young people (SR 822.115.2).
- P3a Flammable aerosols
- Water hazard class (WGK 1)

15.2 - Chemical Safety Assessment

<u>Chemical safety assessment carried</u> - No information available. <u>out for the product</u>

SECTION 16: Other information

SDS versions

Version	Issue date	Author		Description of the amendments
1	06/07/2023			
Abbreviations and acronyms - ACGIH – Association advancing occupational and environmental hea		Association advancing occupational and environmental health.		
			 ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. 	
				ropean Agreement concerning the International Carriage of Goods by Road.
			- CAS - Ch	emical Abstracts Service number.
			- CEN – Eu	ropean Committee for Standardisation.
			- EC50 – Effective concentration to 50% of a test population (half maximal effective concentration).	
			 IC50 – Inhibitory concentration to 50% of a test population (half maximal inhibitory concentration). 	
			- IMDG – International Maritime Dangerous Goods.	
			- IMO – International Maritime Organization.	
			- LC50 – Lethal Concentration to 50 % of a test population.	
			- LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).	
			- MSDS – Material Safety Data Sheet.	
			 NIOSH – National Institute of Occupational Safety and Health. 	
			- NOEC – No effect concentration.	

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- PNEC(s) Predicted No Effect Concentration(s).
- RID Regulations concerning the International Carriage of Dangerous Goods by Rail.
- STOT Specific Target Organ Toxicity.
- vPvB Very Persistent and Very Bioaccumulative.

<u>Data sources:</u> European Chemicals Agency (ECHA)

European Chemicals Bureau (ECB)

International Laboratories Organization (ILO)

Texts of the regulatory sentences

Aerosol 1	Aerosol - Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Asp. Tox. 1	Aspiration hazard - Category 1
Flam. Gas 1	Flammable gas Category 1
Flam. Liq. 2	Flammable liquid and vapour Category 2
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H229	Pressurised container: May burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
Press. Gas	Gases under pressure
Skin Irrit. 2	Irritation, Category 2
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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