

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## CONTEC CARE+ CHAIN CHAIN GREASE

Creation date	12th January 2014	Version	3.0
Revision date	17th November 2022		

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

- 1.1. Product identifier**  
Substance / mixture  
UFI
- CONTEC CARE+ CHAIN CHAIN GREASE  
mixture  
RXQ1-2CJW-M001-AUUD
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
white chain grease  
**Main intended use**  
PC-TEC-11 Lubricants, greases, release agents  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Distributor**  
Name or trade name  
Address  
VAT Reg No  
Phone  
E-mail  
Web address
- Hermann Hartje KG  
Deichstraße 120-122, Hoya/Waser, 27318  
Germany  
DE116162847  
0049/4251/811-20  
rene.preuss@hartje.de  
www.hartje.de
- Manufacturer**  
Name or trade name  
Address  
Identification number (CRN)  
VAT Reg No  
Phone  
E-mail  
Web address
- Nacházel, s.r.o.  
Průmyslová 11/1472, Praha 10 - Hostivař, 10219  
Czech Republic  
25734458  
CZ25734458  
+420 222 351 140  
maziva@nachazel.cz  
www.nachazel.cz
- Competent person responsible for the safety data sheet**  
Name  
E-mail
- Nacházel, s.r.o.  
maziva@nachazel.cz
- 1.4. Emergency telephone number**  
European emergency number: 112



### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is classified as dangerous.

Flam. Liq. 2, H225  
Asp. Tox. 1, H304  
STOT SE 3, H336  
Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

#### Most serious adverse physico-chemical effects

Highly flammable liquid and vapour.

#### Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

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### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Danger

#### Hazardous substances

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatic

Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatic

#### Hazard statements

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take action to prevent static discharges.  
P301+P310 IF SWALLOWED: Immediately call a doctor.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P331 Do NOT induce vomiting.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

#### Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

#### Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger. Container must be fitted with child-resistant fastening.

### 2.3. Other hazards

Substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

#### Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
EC: 927-241-2 Registration number: 01-2119471843-32	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatic	30-<35	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 3, H412 EUH066	
EC: 920-134-1 Registration number: 01-2119480153-44	Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatic	30-<35	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH066	

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Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

##### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Remove contaminated clothes. Protect the person against growing cold. Ensure medical treatment considering the frequent need of further observation for at least 24 hours.

##### If on skin

Take off contaminated clothing. Wash the affected area with plenty of water, lukewarm if possible. Provide medical treatment.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

##### If swallowed

DO NOT INDUCE VOMITING! If the affected person vomits, make sure to prevent inhalation of the vomit (as there is a danger of lung damage after inhalation of these liquids in the airways also in infinitesimal amount). Ensure medical treatment considering the frequent need of further observation for at least 24 hours. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

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

##### If inhaled

Cough, headache. May cause drowsiness or dizziness. Possible irritation of airways, cough, headache.

##### If on skin

Painful reddening, irritation.

##### If in eyes

Not expected.

##### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Use insulating breathing apparatus when the exposition limits of the substances are exceeded or at the place with insufficient ventilation.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all ignition sources; provide sufficient ventilation. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. Dispose of the collected material according to the instructions in the section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale aerosols. No smoking. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight.

Content	Packaging type	Material of package
50 ml	dropper	HDPE

Storage class

3B - Flammable liquids (VbF hazard class A III)

Storage temperature

min 0 °C, max 30 °C

#### The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

### 7.3. Specific end use(s)

Chain lube. Follow the directions on the product label.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### DNEL

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatic

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Inhalation	900 mg/m <sup>3</sup>	Acute effects systemic		
Consumers	Dermal	300 mg/kg	Acute effects systemic		
Workers	Inhalation	1500 mg/m <sup>3</sup>	Acute effects systemic		
Workers	Dermal	300 mg/kg	Acute effects systemic		

Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatic

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Inhalation	900 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Dermal	300 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	1500 mg/m <sup>3</sup>	Chronic effects systemic		
Workers	Dermal	300 mg/kg bw/day	Chronic effects systemic		

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### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

#### Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Use barrier creams for skin protection, they should, however, not be applied once exposure has occurred. Observe other recommendations of the manufacturer. Other protection: Protective antistatic clothing made of natural fibres (cotton) or synthetic fibres resistant to elevated temperatures. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

not available

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	white
Odour	after solvents
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	110-190 °C
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>21 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	non-soluble (in water)
Kinematic viscosity	data not available
Viscosity	DIN kalíšek tryska 4
Viscosity - flow time	26 s
Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	8 hPa at 20 °C
Density and/or relative density	
Density	0,8 g/cm <sup>3</sup> at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid
data not available	

### 9.2. Other information

Ignition temperature	200 °C
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The mixture is flammable.

### 10.2. Chemical stability

The product is stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide, heavy smoke and nitrogen oxides are formed at high temperature and in fire.

## SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

#### Acute toxicity

May be fatal if swallowed and enters airways.

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Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>		6000 mg/kg		Rabbit	

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatic

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	OECD 401	>5000 mg/kg		Rat	
Dermal	LD <sub>50</sub>	OECD 402	>5000 mg/kg		Rabbit	
	Log Pow		4-5.7			

Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatic

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	OECD 401	5000 mg/kg		Rat	
Dermal	LD <sub>50</sub>	OECD 402	>5000 mg/kg		Rabbit	

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### 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.

#### Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

#### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### More information

data not available

### 11.2. Information on other hazards

not available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Acute toxicity

Toxic to aquatic life with long lasting effects.

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Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>		20 mg/l	96 hours	Fish	

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatic

Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>	OECD 203	>10-<30 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
ErC <sub>50</sub>	OECD 201	>1000 mg/l	72 hours	Algae (Selenastrum capricornutum)	
EC <sub>50</sub>	OECD 202	>22-<46 mg/l	48 hours	Daphnia (Daphnia magna)	
NOEC		>0.1-<1 mg/l		Fish (Oncorhynchus mykiss)	
NOEC		>0.1-1 mg/l		Crustaceans	

Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatic

Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>	OECD 203	3.6 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
ErC <sub>50</sub>	OECD 201	>1000 mg/l	72 hours	Algae (Selenastrum capricornutum)	
EC <sub>50</sub>	OECD 202	>22-<46 mg/l	48 hours	Daphnia (Daphnia magna)	
NOEC		0.132 mg/l	28 days	Fish (Oncorhynchus mykiss)	
NOEC		0.23 mg/l	21 days	Daphnia (Daphnia magna)	

##### More information

data not available

#### 12.2. Persistence and degradability

The substance is not biodegradable.

#### 12.3. Bioaccumulative potential

Insignificant.

#### 12.4. Mobility in soil

Not available.

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

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

not available

#### 12.7. Other adverse effects

Avoid release to the environment.

### SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

07 01 04 other organic solvents, washing liquids and mother liquors \*

14 06 03 other solvents and solvent mixtures \*

#### Packaging waste type code

15 01 10 packaging containing residues of or contaminated by hazardous substances \*

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1993

### 14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

3 Flammable liquids

### 14.4. Packing group

II - substances presenting medium danger

### 14.5. Environmental hazards

Yes

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

#### Additional information

Hazard identification No.

33

UN number

1993

Classification code

F1

Safety signs

3





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### Road transport - ADR

Special provisions	274, 601, 640D
Limited quantities	1L
Excepted quantities	E3

### Packaging

Packing instructions	P001
Mixed packing provisions	MP7, MP17

### Portable tanks and bulk containers

Guidelines	T11
Special provisions	TP1, TP27

### ADR tank

Tank code	L4BN
Vehicles for tank carriage	FL
Transport category	2
Tunnel restriction code	(D/E)

### Special provision for

operation	S2, S20
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### Railway transport - RID

Special provisions	274, 601, 640D
Limited quantities	1L
Excepted quantities	E3

### Packaging

Packing instructions	P001
Mixed packing provisions	MP7, MP17

### Portable tanks and bulk containers

Guidelines	T11
Special provisions	TP1, TP27

### RID Tanks

Tank code	L4BN
Transport category	2

### Air transport - ICAO/IATA

Packaging instructions for limited amount	Y341
Packaging instructions passenger	353
Cargo packaging instructions	364

### Marine transport - IMDG

EmS (emergency plan)	F-E, S-E
MFAG	310
Marine Pollutant	Yes

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.

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H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take action to prevent static discharges.  
P301+P310 IF SWALLOWED: Immediately call a doctor.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P331 Do NOT induce vomiting.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

### A list of additional standard phrases used in the safety data sheet

EUH066 Repeated exposure may cause skin dryness or cracking.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road  
BCF Bioconcentration Factor  
CAS Chemical Abstracts Service  
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures  
EC Identification code for each substance listed in EINECS  
EC<sub>50</sub> Concentration of a substance when it is affected 50% of the population  
EINECS European Inventory of Existing Commercial Chemical Substances  
EmS Emergency plan  
EU European Union  
EuPCS European Product Categorisation System  
IATA International Air Transport Association  
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals  
ICAO International Civil Aviation Organization  
IMDG International Maritime Dangerous Goods  
IMO International Maritime Organization  
INCI International Nomenclature of Cosmetic Ingredients  
ISO International Organization for Standardization  
IUPAC International Union of Pure and Applied Chemistry  
LC<sub>50</sub> Lethal concentration of a substance in which it can be expected death of 50% of the population  
LD<sub>50</sub> Lethal dose of a substance in which it can be expected death of 50% of the population  
log K<sub>ow</sub> Octanol-water partition coefficient  
NOAEC No observed adverse effect concentration  
NOEC No observed effect concentration  
OEL Occupational Exposure Limits  
PBT Persistent, Bioaccumulative and Toxic  
ppm Parts per million  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID Agreement on the transport of dangerous goods by rail  
UN Four-figure identification number of the substance or article taken from the UN Model Regulations  
UVCB Substances of unknown or variable composition, complex reaction products or biological materials

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VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Flam. Liq.	Flammable liquid
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

The version 3.0 replaces the SDS version from 28 April 2020. Changes were made in sections 2, 13, 15 and 16.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.