

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

CONTEC CLEAN DELUXE

Creation date 01st June 2018
Revision date 27th April 2020 Version 3.0

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

- 1.1. Product identifier**
Substance / mixture CONTEC CLEAN DELUXE
Number mixture
0.356.922/5; 0.356.923/3; 0.356.924/1
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use cleaning and maintenance of bicycles
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 Hermann Hartje KG
Address Deichstraße 120-122, Hoya/Waser, 27318
Germany
VAT Reg No DE116162847
Phone 0049/4251/811-20
E-mail rene.preuss@hartje.de
Web address www.hartje.de
- Manufacturer**
Name or trade name Nacházel, s.r.o.
Address Průmyslová 11/1472, Praha 10 - Hostivař, 10219
Czech Republic
Identification number (CRN) 25734458
VAT Reg No CZ25734458
Phone 222 351 140
E-mail maziva@nachazel.cz
Web address www.nachazel.cz
- Competent person responsible for the safety data sheet**
Name Nacházel, s.r.o.
E-mail maziva@nachazel.cz
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111
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.

Eye Irrit. 2, H319

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

Most serious adverse effects on human health and the environment

Causes serious eye irritation.

- 2.2. Label elements**
Hazard pictogram



Signal word

Warning

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Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

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

2.3. Other hazards

Mixture does not contain any substance 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.
CAS: 68891-38-3 EC: 500-234-8 Registration number: 01-2119488639-16	Sodium Laureth Sulfate	5-15	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Index: 603-052-00-8 CAS: 5131-66-8 EC: 225-878-4 Registration number: 01-2119475527-28	3-butoxypropan-2-ol	<5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Specific concentration limit: Skin Irrit. 2, H315: C > 20 % Eye Irrit. 2, H319: C > 20 %	
CAS: 69011-36-5 EC: 500-241-6	Isotridecanol, ethoxylated	<5	Acute Tox. 4, H302 Eye Dam. 1, H318	
CAS: 126-92-1 EC: 204-812-8 Registration number: 01-2119971586-23	Ethylhexyl sulfate	<5	Skin Irrit. 2, H315 Eye Dam. 1, H318	
CAS: 15763-76-5 EC: 239-854-6 Registration number: 01-2119489411-37	Sodium cumene sulfonate	<5	Eye Irrit. 2, H319	

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

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

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.

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If swallowed

DO NOT INDUCE VOMITING! Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

If inhaled

Not expected.

If on skin

Painful reddening, irritation.

If in eyes

Irritation, lacrimation, pain.

If swallowed

Irritation, nausea. Disorder of digestive system, stomach pain, vomiting, diarrhoea.

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

Other information is not available.

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

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

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

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. 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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. 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. Protect against frost.

Storage class	12 - Other non-combustible liquids
Content	0,5L; 1L; 5L
Packaging type	spray bottle / bottle / can
Material of package	HDPE (2), High-density (linear) polyethylene (Plastics)



HDPE

min 5 °C, max 100 °C

Storage temperature

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

8.2. Exposure controls

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. Contaminated skin should be washed thoroughly.

Respiratory protection

Under regular circumstances it is not necessary.

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

Appearance	
Physical state	liquid at 20°C
color	green
Odour	according to fragrance
Odour threshold	data not available
pH	9.8 (undiluted at 20°C)
Melting point/freezing point	0 °C
Initial boiling point and boiling range	100-173 °C
Flash point	data not available
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	
bottom	1.1 obj. %
upper	8.4 obj. %

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Vapour pressure	2332 Pa at 20°C		
Vapour density	data not available		
Relative density	data not available		
Solubility(ies)			
solubility in water	soluble		
solubility in fats	data not available		
Partition coefficient: n-octanol/water	data not available		
Auto-ignition temperature	data not available		
Decomposition temperature	data not available		
Viscosity	data not available		
Kinematic viscosity	1 mm ² /s at 40°C		
Explosive properties	data not available		
Oxidising properties	data not available		
data not available			
9.2. Other information			
Density	1.0292 g/cm ³ at 20°C		
ignition temperature	data not available		
content of organic solvents (VOC)	3.92 %		

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

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 are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

3-butoxypropan-2-ol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	3300 mg/kg		Rat	
Dermal	LD ₅₀	>5000 mg/kg		Rabbit	
Inhalation (vapor)	LC ₅₀	>651 ppm	4 hour	Rat	
Inhalation	LC ₅₀	>50 mg/l	4 hour	Rat (Rattus norvegicus)	

Ethylhexyl sulfate

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	>5000 mg/kg		Rat (Rattus norvegicus)	

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Ethylhexyl sulfate

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Dermal	LD ₅₀	>5000 mg/kg		Rabbit	
Inhalation	LC ₅₀	>50 mg/l		Rat (Rattus norvegicus)	

Isotridecanol, ethoxylated

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	500 mg/kg		Rat	
Dermal	LD ₅₀	>5000 mg/kg		Rabbit	
Inhalation	LC ₅₀	>50 mg/l	4 hour	Rat	

Sodium cumene sulfonate

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	>5000 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	>5000 mg/kg		Rabbit	
Inhalation	LC ₅₀	>50 mg/l		Rat (Rattus norvegicus)	

Sodium Laureth Sulfate

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	>5000 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	>5000 mg/kg		Rabbit	
Inhalation	LC ₅₀	>50 mg/l		Rat (Rattus norvegicus)	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

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

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

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Aspiration hazard

Based on available data the classification criteria are not met.

More information

data not available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Data not available.

3-butoxypropan-2-ol

Parameter	Value	Time of exposure	Species	Environment
EC ₅₀	>1000 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀	>1000 mg/l	96 hour	Algae (Selenastrum capricornutum)	
LC ₅₀	>560-1000 mg/l	96 hour	Fishes (Poecilia reticulata)	
NOEC	180 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
NOEC	560 mg/l	96 hour	Daphnia (Daphnia magna)	
NOEC	560 mg/l	96 hour	Algae (Selenastrum capricornutum)	

Ethylhexyl sulfate

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	>40 mg/l		Fishes (Oncorhynchus mykiss)	
EC ₅₀	483 mg/l		Daphnia (Daphnia magna)	
EC ₅₀	511 mg/l		Algae (Selenastrum capricornutum)	
NOEC	103 mg/l		Algae (Selenastrum capricornutum)	

Sodium cumene sulfonate

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	>40 mg/l		Fishes (Oncorhynchus mykiss)	
EC ₅₀	483 mg/l		Daphnia (Daphnia magna)	
EC ₅₀	511 mg/l		Algae (Selenastrum capricornutum)	
NOEC	103 mg/l		Algae (Selenastrum capricornutum)	

Sodium Laureth Sulfate

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	7.1 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC ₅₀	7.2 mg/l		Daphnia (Daphnia magna)	

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Sodium Laureth Sulfate

Parameter	Value	Time of exposure	Species	Environment
EC ₅₀	27 mg/l		Algae (<i>Selenastrum capricornutum</i>)	
NOEC	0.93 mg/l		Algae (<i>Selenastrum capricornutum</i>)	
EC ₅₀	7.5 mg/l		Microorganisms (<i>Photobacterium phosphoreum</i>)	

More information

Data not available.

12.2. Persistence and degradability

Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

WGK 2. Well soluble in water.

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. Other adverse effects

Not available.

SECTION 13: Disposal considerations

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

20 01 29 detergents containing hazardous substances *

Packaging waste type code

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

15 01 02 plastic packaging

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

SECTION 14: Transport information

14.1. UN number

Not subject to ADR

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

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14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not available

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 of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

15.2. Chemical safety assessment

Data not available.

SECTION 16: Other information

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

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
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC ₅₀	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
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry

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LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
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
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation

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.

More information

Classification procedure - calculation method.

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.