Safety Data Sheet

in accordance with the Regulation (EC) No. 1907/2006 (REACH)

Trade name: **Cleaning Concentrate for Wet Wipes**

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SECTION 1: Designation of the substance and/or mixture and of the company

1.1 Product identifier

Trade name / designation

Cleaning Concentrate for Wet Wipes

Hazardous ingredients for labelling

The product is not classified according to the CLP (Classification, Labelling and Packaging) Regulation (EC) 1272/2008.

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

Relevant identified uses

Cleaning concentrate for the production of cleaning cloths

Uses advised against:

None known.

Reasons:

Not applicable

1.3 Details of the supplier who prepared the Safety Data Sheet

Manufacturer / supplier:

Bedos Chemie GmbH / Reinwerk Solutions GmbH
Mühlstrasse 2
67294 Bischheim, Germany
Contact person for information: Peter Becker
peter.becker@bedos.de (competent person)
Telephone: +49 6352 703910

1.4 EMERGENCY CALL NUMBER

Poison Information Centre Mainz: Telephone +49 (0) 6131 19240 (advice in German or English)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified according to the CLP Regulation (EC) 1272/2008 in accordance with calculation method.

2.2. Label elements:

Label in accordance with the Regulation (EC) Number 1272/2008 [CLP]

According to the CLP Regulation (EC) 1272/2008, the product does not have to be labelled.

Hazard pictograms:

None

Signal word(s):

None

Hazard notices:

None

Safety notices:

None

Supplemental hazard information (EU):

Not applicable.

Special rules for supplemental label elements for certain mixtures:

Not applicable.

Additional labelling

Not applicable.

2.3. Other hazards

Possible adverse physicochemical effects:

Not applicable.

Possible harmful effects on humans and possible symptoms:
Not applicable.
Possible harmful effects on the environment:
Not applicable.
Other adverse effects:
Not applicable.
Results of PBT and vPvB assessment:
The mixture does not meet the criteria for being PBT or vPvB in accordance with Annex XIII.

SECTION 3: Composition/information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Description:
Aqueous mixture of the substances listed below with non-hazardous additions.

Component substances

CAS No.	EC No.	Reach Registration No.	% [Weight]	Name	Classification in accordance with Regulation (EC) No. 1272/2008 CLP	SCL, Multiplying factor ATE
67-63-0	*200-661-7*	*01-2119457558-25-xxxx*	*≤ 1 %*	*Propan-2-ol*	*Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3, H336*	-
68410-45-7	*270-082-2*	*none, exempt*	*≤ 1 %*	*Gelatine hydrolysate*	*none*	-
122-99-6	*204-589-7*		*≤0.2%*	*2-Phenoxyethanol*	*Acute Tox. 4; H302 Eye Irrit. 2; H319*	-

There are no component substances present which, within the current knowledge, in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or equally questionable substances or have been assigned a workplace exposure limit and hence require reporting in this section.

Additional notices:
Full text of H and EUH phrases: see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
No special measures required.
After inhalation
Supply fresh air, clear airways.
After contact with the skin
Rinse with warm water. In general, the product is not a skin irritant.
After eye contact
Protect uninjured eye.
Rinse open eye for at least 15 minutes. Remove contact lenses.
After swallowing
Consult a doctor if symptoms persist.
Personal protection for the First Aider.
Ensure own safety when helping others.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
No information available.
Effects
No information available.

4.3 Notices of any immediate medical attention or special treatment needed

Notices for doctor

Symptomatic treatment (decontamination and vital functions).

Specific treatment

No spec. Antidote known.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

Focus fire-fighting measures on the surrounding area. Mixture itself does not burn.

Unsuitable extinguishing agents

No information available.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None known.

5.3 Notices for firefighting

Additional notices

No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and procedures implemented in case of emergencies

For non-emergency personnel

Protective equipment

Use personal protective equipment, see Section 8.

Emergency plan

No special measures required.

Emergency responders

Personal protective equipment

Wear safety equipment.

6.2. Environmental protection measures

No special measures required.

6.3 Methods and material for containment and cleaning

For containment

No special measures required.

For cleaning

Spillages can easily be flushed down the sewage system diluted with water.

Other information

Rinse contaminated material with water and allow to dry.

6.4 Reference to other sections

Information on safe handling can be found in Section 7.
Information on personal protective equipment can be found in Section 8
Information on disposal can be found in Section 13.

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Protective measures for safe handling

- *Do not leave containers open.*
- *Open and handle containers with care.*
- *Do not mix with any other product.*
- *Provide sufficient exchange of air and/or air extraction in working areas.*

Fire protection measures

Standard measures for preventive fire protection.

Measures to prevent aerosol and dust formation

Store closed.

Environmental protection measures

No special measures required.

Notices on general industrial hygiene

The minimum hygienic standards applicable when handling chemicals (TRGS 500 Section 4.5) must be observed:

- *The work rooms should be well ventilated.*
- *Avoid contact with eyes, skin and clothing*
- *Do not eat, drink, smoke or inhale substances in areas in which work takes place.*
- *Wash hands after use.*
- *Contaminations on the skin are to be removed immediately.*
- *Contaminated clothing should be changed and the clothing washed before reuse.*
- *Remove protective equipment before entering areas where food is eaten.*

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and Storage conditions

Keep only in original container.
Store in a dry place.
Keep containers tightly sealed.

Requirements for storage rooms and containers

Recommended storage temperature: 15 – 25 °C.
Protect from frost, heat and direct sunlight.

Requirements for ventilation

No special measures required.

Notices for storage with other materials

There are no special restrictions when storing together with other products.

Storage class

LGK 12 (non-flammable liquids)

Substances to avoid

No information available.

Further information relating to the storage conditions

Protect storage containers from damage.

7.3 Specific end-use applications

Recommendations

No further relevant information available.

Industry solutions

No further relevant information available.

SECTION 8: Exposure controls/personal protective equipment

8.1 Control parameters

Workplace exposure limits

Product identifier	CAS No.:	Specification	Value	Top limitation	Fruit damaging	Monitoring procedure
Propan-2-ol	*67-63-0*	*TRGS 900*	*200 ppm 500 mg/m³*	*2*	*no*	*–*
2-Phenoxyethanol	*122-99-6*	*TRGS 900*	*1 ppm 5.7 mg/m³*	*1; (I)*	*no*	*–*

Biological limit values:

Substance name	CAS No.:	Parameter	Value	Analysis - material	samples taken	Sources
Propan-2-ol	*67-63-0*	*Acetone*	*25 mg/L*	*Whole blood*	*Exposure / End of shift*	*TRGS 903*
			25 mg/L	*Urine*	*Exposure / End of shift*	*TRGS 903*

DNEL values

	Operator				User			
	Local effect		Systemic effect		Local effect		Systemic effect	
Route of exposure	Acute	Chronic	Acute	Chronic	Acute	Chronic	Acute	Chronic
Propan-2-ol; CAS-No.: 67-63-0								
oral								
through inhalation				500 mg/m³				
dermal				888 mg/kg kg/day				
2-Phenoxyethanol; CAS-No.: 122-99-6								
oral							9.23 mg/kg kg/day	9.23 mg/kg kg/day
through inhalation		8.07 mg/m³		8.07 mg/m³			2.41 mg/m³	2.41 mg/m³
dermal				20.83mg/kg kg/day				10.42 mg/kg kg/day

PNEC values

Propan-2-ol; CAS-No.: 67-63-0	
Fresh water	140.9mg/L
Fresh water sediments	552 mg/L
Sea water	140.9mg/L
Sea water sediments	552 mg/L
Micro-organisms in the sewage treatment plant	2.251 mg/L
Soil	28 mg/L
2-Phenoxyethanol; CAS-No.: 122-99-6	
Fresh water	0.943 mg/L
Fresh water sediments	7.2366 mg/kg (DW)
Sea water	0.094 mg/L
Sea water sediments	0.7237 mg/kg (DW)
Water (intermittent release)	3.44mg/L
Micro-organisms in the sewage treatment plant	24.8mg/L
Soil	1.26 mg/kg (DW)
DW = Dry weight	

8.2 Limitation and monitoring of the exposure

8.2.1 Suitable technical control equipment

Do not mix with other products or chemicals.

8.2.2 Personal protective equipment

Eye/face protection

Tightly-fitting safety goggles

Skin protection

Hand protection

Splash contact:	*Chemical protection glove according to EN 374*
Suitable glove type	*Nitrile rubber*
Suitable material	*Max. wearing time 8 hours*
Breakthrough time	*0.4 mm*
Glove material thickness	

Full contact:

As in splash contact

Additional hand protection measures

Cotton under-gloves are recommended when wearing protective gloves. Long-term wearing of chemical protective gloves is itself a skin hazard (wet work). Avoid by observing wearing times and/or changing activities. When wearing chemical protective gloves for a longer period of time, special skin protection products are recommended before the work to prevent perspiration. However, these can impair the protective performance of the gloves. The skin protection plan must take into account the wearing of protective gloves.

ATTENTION: When wearing gloves, as examples, no light switches, door handles, telephone receivers, input keyboards or writing materials may be touched.

Body protection

Work clothing

Other skin protection measures

No further information available.

Respiratory protection

Not necessary.

Thermal hazards

No specific measures necessary.

8.2.3 Limitation and monitoring of environmental exposure

No further measures required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	*Liquid*
Colour:	*Colourless*
Smell:	*Characteristic*
Odour threshold:	*not known*

Features	Value
pH value	*9.2 - 9.8*
Density at 20°C	*1.0 g/cm³ (DIN 51757)*
Melting point/freezing point	*Not determined*
Initial boiling point and boiling range	*Not determined*
Flash point	*Not applicable*
Evaporation rate	*Not determined*

Flammability (solid, gaseous form)	*Not applicable*
Upper / lower flammability Explosion limits	*The product is not combustible.*
Upper explosion limit	*Not determined*
Lower explosion limit	*Not determined*
Vapour pressure	*Not determined*
Vapour density	*Not determined*
Relative density	*Not determined*
Solubility/solubilities in water	*Fully miscible*
Partition coefficient: n-octanol/water	*Not determined*
Ignition temperature	*Not applicable*
Decomposition temperature	*Not determined*
Viscosity	
dynamic	*Not determined*
kinematic	*Not determined*
Explosive properties	*The product is not explosive.*
Oxidising properties	*The product has no oxidising properties.*

9.2. Other information

No relevant further information required for the safe use of the mixture.

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions known.

10.2. Chemical stability

No decomposition if used and stored as intended.

10.3. Possibility of hazardous reactions

No hazards worthy of mention.

10.4 Conditions to be avoided

Protect from frost.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No hazardous decomposition products are formed under normal conditions of storage and use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The mixture was not tested in its entirety for its toxicological effect, the component substances contained in the mixture have the following toxicological data:

Acute toxicity					
Propan-2-ol	oral	LD50	5.840 mg/kg	Rats	OECD Test Guideline 401
	through inhalation	LC50	> 25 mg/L	Rats 6h, vapour	OECD Test Guideline 403
	dermal	LD50	13.900 mg/kg	Rabbits	OECD Test Guideline 402
2-Phenoxyethanol	oral	LD50	1.840 – 4.070 mg/kg	Rats	OECD Test Guideline 401
	through inhalation	LC50	>1.000 mg/kg	Rats	OECD Test Guideline 412
	dermal	LD50	> 2.214 mg/kg	Rabbits	Other

Acute skin irritation effect

Mixture

According to the classification criteria of the EU, the product is not classified as irritating to the skin.

Component substances

Propan-2-ol

No skin irritation (OECD Test Guideline 404).

Degreases the skin and makes it dry and rough. Prolonged or repeated contact may cause dermatitis. 2-Phenoxyethanol

No skin irritation

Gelatine hydrolysate

In concentrations up to 12.5%, no skin corrosion/irritation effects. Higher concentrations not investigated.

Serious eye damage/irritation

Mixture

According to the classification criteria of the EU, the product is not classified as irritating to the eyes.

Component substances

Propan-2-ol

Splashes in the eyes can cause severe pain. Vapour has an irritating effect.

2-Phenoxyethanol

Irritates the eyes.

Gelatine hydrolysate

Based on the available data, classification criteria are not fulfilled.

Sensitisation of the respiratory tract/skin

Mixture

According to the classification criteria of the EU, the product is not classified as an inhalation or skin allergen.

Component substances

Propan-2-ol

Not sensitising.

2-Phenoxyethanol

Not sensitising.

Gelatine hydrolysate

Based on the available data, classification criteria are not fulfilled.

Carcinogenicity

Mixture

The product contains no substances that are classified as carcinogenic.

Component substances

Propan-2-ol

Based on the available data, classification criteria are not fulfilled.

2-Phenoxyethanol

No information available.

Gelatine hydrolysate

Based on the available data, classification criteria are not fulfilled.

Mutagenicity

Mixture

The product contains no substances that are classified as mutagenic.

Component substances

Propan-2-ol
In-vitro tests do not show any mutagenic effects.
In-vivo tests do not show any mutagenic effects.
2-Phenoxyethanol
In-vitro tests do not show any mutagenic effects.
In-vivo tests do not show any mutagenic effects.
Gelatine hydrolysate
Based on the available data, classification criteria are not fulfilled.

Teratogenicity
Mixture
The product contains no substances that are classified as teratogenic.
Component substances
Propan-2-ol
No effects on or through lactation
2-Phenoxyethanol
No evidence of harmful effects on sexual function and fertility or on growth shown in animal experiments.
Gelatine hydrolysate
Based on the available data, classification criteria are not fulfilled.

Specific target organ toxicity on single exposure
Mixture
Based on the available data, classification criteria are not fulfilled.
Component substances
Propan-2-ol
Target Organ: Central nervous system: may cause drowsiness and dizziness.
2-Phenoxyethanol
The substance is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity on repeated exposure
Mixture
Based on the available data, classification criteria are not fulfilled.
Component substances
Propan-2-ol
Repeated oral and inhalation exposure studies have shown that effects on target organs in male rats (kidneys) and in male and female mice (thyroid) cannot be related to humans.
2-Phenoxyethanol
The substance is not classified as specific target organ toxicant, repeated exposure.
Gelatine hydrolysate
Based on the available data, classification criteria are not fulfilled.

Aspiration hazard
Mixture
Based on the available data, classification criteria are not fulfilled.
Component substances
Propan-2-ol
Aspiration hazard if swallowed - can enter lungs and cause these damage.

Aspiration can lead to pulmonary oedema and pneumonia.
Based on the available data, classification criteria are not fulfilled.
2-Phenoxyethanol
Based on the available data, classification criteria are not fulfilled.

Other information
Symptoms related to the physical, chemical and toxicological characteristics:
No relevant information available.

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic endangerment:

Acute (short-term) fish toxicity				
Mixture	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
There is no data	*available.*			
Component substances	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
Propan-2-ol	*LC50*	*9.640 mg/L*	*96 h*	*Pimephales promelas*
2-Phenoxyethanol	*LC50*	*344 mg/L*	*96 h*	*Pimephales promelas*
Gelatine hydrolysate	*No data available*			

Chronic (long term) fish toxicity				
Mixture	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
There is no data	*available.*			
Component substances	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
Propan-2-ol	*No data available*			
2-Phenoxyethanol	*NOEC*	*24 mg/L*	*34 d*	*Pimephales promelas*
Gelatine hydrolysate	*No data available*			

Acute (short-term) toxicity to aquatic invertebrates				
Mixture	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
There is no data	*available.*			
Component substances	**Effective dose/**	**Value**	**Test**	**species**

	Concentration		Durat ion	
Propan-2-ol	*LC50*	*9.714mg/L*	*24 h*	*Daphnia magna*
2-Phenoxyethanol	*EC50*	*> 500 mg/l*	*48 h*	*Daphnia magna*
Gelatine hydrolysate	*No data available*			

Chronic (long term) toxicity to aquatic invertebrates				
Mixture	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
There is no data	*available.*			
Component substances	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
Propan-2-ol	*No data available*			
2-Phenoxyethanol	*NOEC*	*9.43mg/L*	*21 d*	*Daphnia magna*
Gelatine hydrolysate	*No data available*			

Acute (short-term) toxicity to algae and cyano-bacteria				
Mixture	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
There is no data	*available.*			
Component substances	**Effective dose/ Concentration**	**Value**	**Test duration**	**species**
Propan-2-ol	*EC50*	*> 100 mg/L*	*72 h*	*Scenedesmus subspicatus*
2-Phenoxyethanol	*ErC50*	*625 mg/L*	*72 h*	*Desmodesmus subspicatus*
Gelatine hydrolysate	*No data available*			

12.2 Persistence and degradability

Persistence and degradability		
Mixture		
There is no data available.		
Component substances		
Propan-2-ol	*Persistence*	*Transformation by hydrolysis is expected to be insignificant.*
	Bio-degradability	*Readily bio-degradable.*
2-Phenoxyethanol	*Persistence*	*Water (DT50): >365 d (50°C), pH Value 4 – 9* *Photo-degradation air (DT50): 11.8 h*

		Photo-degradation water (DT50) : 5.120 d
	Bio-degradability	*Readily bio-degradable.*
Gelatine hydrolysate	*Bio-degradability*	*Readily bio-degradable.*

12.3 Bio-accumulation potential

Bio-accumulation potential		
Mixture		
There is no data available.		
Component substances	***Partition coefficient: - Octanol/water: log Kow***	**Evaluation**
Propan-2-ol	*Log Kow: 0.05*	*Bio-accumulation is not expected.*
2-Phenoxyethanol	*BCF: 0.35* *LOG Pow: 1.2*	–
Gelatine hydrolysate	*There is no data available.*	

12.4 Mobility

Mobility		
Mixture		
There is no data available.		
Component substances		
Propan-2-ol	*Water*	*Water-soluble*
	Soil	*Mobile*
2-Phenoxyethanol	*Distribution between the Water - soil compartments*	*Adsorption Log KoC: 1.6*
Gelatine hydrolysate	*Soil*	*There is no data available.*

12.5 Results of the PBT and vPvB assessment

This mixture does not contain any substances assessed as PBT or vPvB.

12.6 Endocrine disruptive properties

This substance has no relevant endocrine disrupting properties for non-target organisms as it does not meet the criteria in accordance with Section B of Regulation (EU) No. 2017/2100.

12.7 Other adverse effects

No further information available.

SECTION 13: Notices about disposal

13.1 Waste treatment procedures

Waste disposal in accordance with Directive 2008/98/EC.
Residues and empty packaging that contained this product are not hazardous waste.

13.1.1 Product / packaging disposal

Containers are to be completely emptied and the content put to its intended use. If recycling is not possible, residues must be disposed of as waste in accordance with the Waste List Ordinance (AVV) (see Section 13.1.2).
The container emptied of residues can be cleaned with water.
Containers which are not cleaned are to be disposed of as packaging (see Section 13.1.2).

13.1.2 Data relevant to waste treatment

Waste code in accordance with Waste index:

Residues of the mixture	*20 01 30 (Detergents, with the exception of those which fall under 20 01 29).*
Barrels, canisters and bottles made of plastic	*15 01 02 (Packaging made of plastic)*

13.1.3 Data relevant to disposal via wastewater

Residual quantities should not be disposed of via the sewage system.

13.1.4 Other recommendations for disposal

Cleaning with water, if necessary with the addition of cleaning agents.
Disposal in accordance with local authority regulations.
Do not allow undiluted product or large quantities of it to reach the ground water, the water course or the environment.

SECTION 14: Information on transport

14.1. UN Number

Not applicable.

14.2 UN shipping name in accordance with regulation

Not applicable.

14.3 Transport hazard class

Not applicable.

14.4. Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6. Special precautionary measures for the user

Not applicable.

14.7. Maritime transport in bulk in accordance with IMO instruments

Not applicable.

SECTION 15: Legal requirements

15. 1 Safety, health and environmental regulations/legal regulations specific for the substance or the mixture

EU regulations	
Regulation (EC) No 2037/2000 (Substances that deplete the ozone layer)	*Not applicable.*
Regulation (EC) No. 850/2004 (Persistent organic pollutants):	*Not applicable.*
Regulation (EC) No. 689/2008 (Export and import of dangerous chemicals):	*Not applicable.*
Regulation (EC) No. 648/2004 (Detergents regulation):	*Not applicable.*
Restrictions in accordance with Title VIII of Regulation (EC) No. 1907/2006:	*Not applicable.*
National regulations	

Water hazard class:	*WGK 1. Self-classification of the mixture according to AwSV (Ordinance on systems for handling water-polluting substances)*
Solvents Regulation (31. Federal Immission Protection Ordinance (BImSchV):	*Not applicable.*
Hazardous Incident Ordinance (12. Federal Immission Protection Ordinance (BImSchV):	*Not applicable.*
Technical instructions on Air Quality Control (TA-Luft):	*Not applicable.*
Further relevant regulations:	*None known*

15.2. Chemical safety assessment

A chemical safety assessment has not been conducted.

SECTION 16: Other notices

16.1 Notices of changes

None, since version 1

16.2 Abbreviations and Acronyms

ATE	*Estimated value for acute toxicity based on LD50 and LC50 values*
BImSchV	*Ordinance on the Implementation of the Federal Pollution Control Act*
BCF	*Bio-concentration factor*
CAS	*Chemical Abstracts Service*
DIN	*Standard of the German Institute for Standardisation*
DNEL	*Derived No-Effect Concentration (REACH)*
EC	*Effective concentration*
EC	*European Community*
EINECS	*European Inventory of Existing Commercial Chemical Substances*
ELINCS	*European List of Notified Chemical Substances European*
EN	*European Standard*
ErC50	*Mean inhibitory concentration of growth rate*
GHS	*Globally Harmonized System of Classification and Labelling of Chemicals*
IOELV	*Binding workplace limit value of the EU, which must at least be implemented in all EU countries, but which can be lower due to stricter national limit values.*
IMO	*International Maritime Organization*
ISO	*Standard of the International Standard Organization*
IUCLID	*International Uniform Chemical Information Database*
LC	*Lethal Concentration*
LC50	*Concentration in a certain environment at which 50% of the test animals die within a defined period of time.*
LD	*Lethal Dose*
LD50	*Dose at which 50% of the experimental animals die*
LOAEC	*Lowest observed adverse effect concentration* *Lowest concentration of an administered substance at which a toxic effect has been demonstrated.*

log Koc	*Adsorption coefficient, Koc indicates the ratio of the substance concentration in the soil to*
	substance concentration in the water.
log Kow	*Kow serves as a measure of the relationship between lipophilicity (fat solubility) and hydrophilicity*
	(water solubility) of a substance. The value is greater than one if a substance is better in
	soluble in fat-like solvents such as n-octanol, is less than one if they are better
	soluble in water.
Multiplying factor	*Multiplying factor is used to classify mixtures with highly toxic components into*
	the hazard classes of acute or chronic water hazard. Source: Table 3.1 in Annex IV
	Part 3 of (EC) No. 1272/2008
NOEC	*No Observed Effect Level (Highest dose or exposure concentration in*
	sub-chronic or chronic studies where no statistically significant
	treatment-related effect can be observed.)
OECD	*Organisation for Economic Co-operation and Development*
PBT	*Persistent, bio-accumulative, toxic*
PNEC	*Predicted No-Effect Concentration (Reach)*
SCL	*Specific concentration limit from Table 3.1 in Annex IV Part 3 of (EC) No.*
	1272/2008
TRGS	*Technical Regulations for Hazardous Substances*
UN	*United Nations*
VOC	*Volatile Organic Compounds*
vPvB	*Very persistent and very bio-accumulative*
	(very persistent and very bio-accumulative)
VwVwS	*Administrative Regulation of Substances Hazardous to Water*
WGK	*Water hazard class*

16.3 Key literature references and data sources

REACH Regulation (EC) 1907/2006
CLP: Regulation (EC) 1272/2008
https://www.baua.de
https://www.gischem.de/
https://echa.europa.eu/en/

16.4 Classification of mixtures and used evaluation method in accordance with Regulation (EC) No. 1207/2008 [CLP]

Classification in accordance with Regulation (EC) No 1272/2008	Classification procedure
Not applicable	

16.5 Relevant H- and EUH-phrases (number and full text) which were not previously written out in full.

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H319 Causes serious eye irritation
H336 May cause drowsiness and dizziness.

16.6 Training notices

No information available.

16.7 Other notices

The above information is based on our current state of knowledge. This Safety Data Sheet has been compiled exclusively for this product and is intended exclusively for this. The information cannot be transferred to other products.