Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

As retained in UK law by (SI 2019/758 as amended)

CyclOn Pro Bike Wash & Protect

Version number: 1.0 Date of compilation: 2026-09-28

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

1.1 Product identifier

Trade name **CyclOn Pro Bike Wash & Protect**

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

Relevant identified uses

Detergent
Bike cleaner
Surface protection agent
Professional use
Consumer use

1.3 Details of the supplier of the safety data sheet

CyclOn B.V.
Scheltseweg 4c
5374 EB Schaijk
Netherlands

Telephone: (+31) 085 0204 122
e-mail: sales@cyclon.nl
Website: www.cyclon.nl

e-mail (competent person) sales@cyclon.nl

1.4 Emergency telephone number

Emergency information service

(+31) 085 0204 122
This number is only available during the following office hours: Mon-Fri 09:00 - 16:30

Poison centre

Country	Name	Telephone
United Kingdom	National Poisons Information Service (NPIS)	0344-8920111 (medical professionals only)
United Kingdom	NHS (general public)	non-emergency: 111 or a doctor; emergency: 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (acc. to GB CLP)

Section	Hazard class	Category	Hazard class and category	Hazard statement
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318
3.4S	skin sensitisation	1	Skin Sens. 1	H317

For full text of H-phrases: see SECTION 16

2.2 Label elements

Labelling (acc. to GB CLP)

- signal word Danger

- pictograms

GHS05, GHS07



- hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

- precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- hazardous ingredients for labelling

Contains: 2-methylisothiazol-3(2H)-one; Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts; 1,2-benzisothiazol-3(2H)-one; Alcohols, C12-14, ethoxylated, sulfates, sodium salts.

2.3 Other hazards

This material is combustible, but will not ignite readily.

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

The product does not contain (other) ingredients which are classified according to present knowledge of the supplier and contribute to the classification of the product and hence require reporting in this section.

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	CAS No 68411-30-3 EC No 270-115-0	10 – 25	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Aquatic Chronic 3 / H412		
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No 68891-38-3 EC No 500-234-8	2.5 – 10	Skin Irrit. 2 / H315 Eye Dam. 1 / H318		
Terpineol	CAS No 8000-41-7	0.1 – 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319		

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
	EC No 232-268-1				
2-methylisothiazol-3(2H)-one	CAS No 2682-20-4 EC No 220-239-6 Index No 613-326-00-9	< 0.1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410 EUH071		
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5 EC No 220-120-9 Index No 613-088-00-6	< 0.1	Acute Tox. 4 / H302 Acute Tox. 2 / H330 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		

Name of substance	Identifier	Specific Conc. Limits	M-Factors	ATE	Exposure route
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	CAS No 68411-30-3 EC No 270-115-0	-	-	1,080 $^{mg}/_{kg}$	oral
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No 68891-38-3 EC No 500-234-8	Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	-	-	
2-methylisothiazol-3(2H)-one	CAS No 2682-20-4 EC No 220-239-6	Skin Sens. 1A; H317: C ≥ 0.0015 %	M-factor (acute) = 10 M-factor (chronic) = 1	120 $^{mg}/_{kg}$ 242 $^{mg}/_{kg}$ 0.07 $^{mg}/_{l}$/4h	oral dermal inhalation: dust/mist
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5 EC No 220-120-9	Skin Sens. 1A; H317: C ≥ 0.036 %	M-factor (acute) = 1 M-factor (chronic) = 1	450 $^{mg}/_{kg}$ 0.21 $^{mg}/_{l}$/4h	oral inhalation: dust/mist

Remarks

All the percentages given are percentages by weight unless stated otherwise. For full text of H-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

Following skin contact

Wash with plenty of soap and water. Call a POISON CENTER/doctor.

Following eye contact

Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Causes tears. Serious physical decay of vision. Causes burns. Redness.

4.3 Indication of any immediate medical attention and special treatment needed

For specialist advice physicians should contact the poison centre.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray; Foam; Alcohol resistant foam; Dry extinguishing powder; Carbon dioxide (CO2);
Co-ordinate firefighting measures to the fire surroundings.

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

During fire hazardous fumes/smoke could be produced. Carbon monoxide (CO). Carbon dioxide (CO2).

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

Self-contained breathing apparatus (SCBA). Standard protective clothing for firefighters.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Follow emergency procedures such as the need to evacuate the danger area or to consult an expert. Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. Remove persons to safety. Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece).

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- incompatible substances or mixtures

Keep away from alkalis, oxidising substances, acids.

Control of effects

Protect against external exposure, such as

High temperatures. UV-radiation/sunlight. Frost.

Consideration of other advice

Store in a well-ventilated place. Keep container tightly closed.

- packaging compatibilities

Keep only in original container.

7.3 Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

No information available.

Relevant DNELs/DMELs/PNECs and other threshold levels

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	DNEL	6 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	DNEL	1.5 mg/m³	human, inhalatory	consumer (private households)	chronic - local effects
Benzenesulfonic acid, C10-13-alkyl	68411-30-3	DNEL	7.6 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
derivs., sodium salts						
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	DNEL	119 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	DNEL	1.3 mg/m³	human, inhalatory	consumer (private households)	chronic - systemic effects
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	DNEL	42.5 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	DNEL	0.425 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	132 µg/cm²	human, dermal	worker (industry)	chronic - local effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	79 µg/cm²	human, dermal	consumer (private households)	chronic - local effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	411 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	5,830 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	87.1 mg/m³	human, inhalatory	consumer (private households)	chronic - systemic effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	2,500 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	25 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	44.8 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	6.35 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	2.29 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	7.96 mg/m³	human, inhalatory	consumer (private households)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	0.42 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.021 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.043 mg/m³	human, inhalatory	worker (industry)	acute - local effects
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.021 mg/m³	human, inhalatory	consumer (private households)	chronic - local effects

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.043 mg/m³	human, inhalatory	consumer (private households)	acute - local effects
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.027 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.053 mg/kg bw/day	human, oral	consumer (private households)	acute - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	6.81 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	0.5 mg/l	human, inhalatory	worker (industry)	acute - local effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	0.966 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	1.2 mg/m³	human, inhalatory	consumer (private households)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	0.345 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	1.2 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	PNEC	0.268 mg/l	aquatic organisms	freshwater	short-term (single instance)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	PNEC	0.027 mg/l	aquatic organisms	marine water	short-term (single instance)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	PNEC	3.43 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	PNEC	8.1 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	PNEC	6.8 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	PNEC	35 mg/kg	terrestrial organisms	soil	short-term (single instance)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.071 mg/l	aquatic organisms	water	intermittent release
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.129 mg/l	aquatic organisms	freshwater	short-term (single instance)

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.013 mg/l	aquatic organisms	marine water	short-term (single instance)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	10 g/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	4.835 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.483 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	7.5 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
Terpineol	8000-41-7	PNEC	12 µg/l	aquatic organisms	freshwater	short-term (single instance)
Terpineol	8000-41-7	PNEC	1.2 µg/l	aquatic organisms	marine water	short-term (single instance)
Terpineol	8000-41-7	PNEC	120 µg/l	aquatic organisms	water	intermittent release
Terpineol	8000-41-7	PNEC	2.57 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Terpineol	8000-41-7	PNEC	0.263 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Terpineol	8000-41-7	PNEC	0.026 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Terpineol	8000-41-7	PNEC	0.045 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	3.39 µg/l	aquatic organisms	freshwater	short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	3.39 µg/l	aquatic organisms	marine water	short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	0.23 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	0.047 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	4.03 µg/l	aquatic organisms	freshwater	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	0.403 µg/l	aquatic organisms	marine water	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	1.03 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	49.9 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	4.99 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	3 mg/kg	terrestrial organ-isms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation. Provide eyewash stations and safety showers at the workplace.

Individual protection measures (personal protective equipment)

Eye/face protection



Use safety goggle with side protection

Skin protection

Chemical protective clothing.

- hand protection



Wear suitable gloves. Check leak-tightness/impermeability prior to use. 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. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Wash hands thoroughly after handling.

- type of material

Nitrile rubber

- material thickness

Use gloves with a minimum material thickness: ≥ 0.38 mm.

- breakthrough time of the glove material

Use gloves with a minimum breakthrough time of the glove material: >480 minutes (permeation: level 6).

- other protection measures



Protective clothing (BS EN ISO 13688).
Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Type: ABEK-P2 (combined filters against gases, vapours and particles, colour code: Brown/Grey/Yellow/Green/White).

Environmental exposure controls

Take appropriate precautions to avoid uncontrolled release into the environment. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	green
Odour	characteristic (odorant added)
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	≥100 °C
Evaporation rate	not determined
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	LEL: UEL: not determined

Flash point	63 °C
Auto-ignition temperature	250 °C (auto-ignition temperature (liquids and gases)) calculated value, referring to a component of the mixture
Decomposition temperature	no data available
pH (value)	7
Kinematic viscosity	1,202 $^{mm^2}/_{s}$

Solubility

Water solubility	miscible in any proportion

Partition coefficient n-octanol/water (log value)	<3

Vapour pressure	2.3 kPa at 20 °C calculated value, referring to a component of the mixture

Density and/or relative density

Density	1.04 $^{g}/_{cm^3}$ at 20 °C
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)

9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant

Other safety characteristics

Miscibility	Completely miscible with water.

SECTION 10: Stability and reactivity

10.1 Reactivity
This material is not reactive under normal ambient conditions.

10.2 Chemical stability
The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
There are no specific conditions known which have to be avoided.

10.5 Incompatible materials
Oxidisers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic. Based on available data, the classification criteria are not met.

Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	oral	1,080 $^{mg}/_{kg}$
2-methylisothiazol-3(2H)-one	2682-20-4	oral	120 $^{mg}/_{kg}$
2-methylisothiazol-3(2H)-one	2682-20-4	dermal	242 $^{mg}/_{kg}$
2-methylisothiazol-3(2H)-one	2682-20-4	inhalation: dust/mist	0.07 $^{mg}/_{l}$/4h
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	450 $^{mg}/_{kg}$
1,2-benzisothiazol-3(2H)-one	2634-33-5	inhalation: dust/mist	0.21 $^{mg}/_{l}$/4h

Acute toxicity of components

Name of substance	CAS No	Exposure route	Endpoint	Value	Species
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	oral	LD50	1,080 $^{mg}/_{kg}$	rat
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	dermal	LD50	>2,000 $^{mg}/_{kg}$	rat
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	oral	LD50	4,100 $^{mg}/_{kg}$	rat
Terpineol	8000-41-7	oral	LD50	>2,000 $^{mg}/_{kg}$	rat
Terpineol	8000-41-7	dermal	LD50	>2,000 $^{mg}/_{kg}$	rat
2-methylisothiazol-3(2H)-one	2682-20-4	oral	LD50	120 $^{mg}/_{kg}$	rat
2-methylisothiazol-3(2H)-one	2682-20-4	inhalation: dust/mist	LC50	0.07 $^{mg}/_{l}$/4h	rat
2-methylisothiazol-3(2H)-one	2682-20-4	dermal	LD50	242 $^{mg}/_{kg}$	rat
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	LD50	670 $^{mg}/_{kg}$	rat
1,2-benzisothiazol-3(2H)-one	2634-33-5	inhalation: dust/mist	LC50	0.5 $^{mg}/_{l}$/4h	rat
1,2-benzisothiazol-3(2H)-one	2634-33-5	dermal	LD50	>2,000 $^{mg}/_{kg}$	rat

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic. Based on available data, the classification criteria are not met.

Carcinogenicity

Shall not be classified as carcinogenic. Based on available data, the classification criteria are not met.

Reproductive toxicity

Shall not be classified as a reproductive toxicant. Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure). Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure). Based on available data, the classification criteria are not met.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard. Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	LC50	1.67 mg/l	bluegill (Lepomis macrochirus)	96 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	EC50	2.9 mg/l	daphnia magna	48 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	NOEC	0.5 mg/l	algae	96 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	LOEC	1 mg/l	algae	96 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	growth (EbCx) 10%	13.1 mg/l	algae	96 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	ErC50	27.7 mg/l	algae	72 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	LC50	7.1 mg/l	zebra fish (Danio rerio)	96 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	EC50	7.4 mg/l	daphnia magna	48 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	NOEC	0.95 mg/l	green algae (Desmodesmus subspicatus)	72 h
Terpineol	8000-41-7	LL50	12 mg/l	fish	96 h
Terpineol	8000-41-7	ErC50	68 mg/l	algae	72 h

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Terpineol	8000-41-7	EC50	17 mg/l	algae	72 h
Terpineol	8000-41-7	EL50	12 mg/l	aquatic invertebrates	48 h
Terpineol	8000-41-7	NOEC	3.9 mg/l	algae	72 h
2-methylisothiazol-3(2H)-one	2682-20-4	EC50	1.7 mg/l	aquatic invertebrates	24 h
2-methylisothiazol-3(2H)-one	2682-20-4	ErC50	>0.072 mg/l	algae	96 h
2-methylisothiazol-3(2H)-one	2682-20-4	LC50	4.77 mg/l	rainbow trout (Oncorhynchus mykiss)	96 h
2-methylisothiazol-3(2H)-one	2682-20-4	NOEC	1.3 mg/l	aquatic invertebrates	96 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	ErC50	150 µg/l	algae	72 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	LC50	16.7 mg/l	sheepshead minnow (Cyprinodon variegatus)	96 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	EC50	2.94 mg/l	daphnia magna	48 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	NOEC	55 µg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	EC50	1.5 mg/l	daphnia magna	21 d
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	LC50	1.67 mg/l	daphnia magna	21 d
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	NOEC	0.23 mg/l	rainbow trout (Oncorhynchus mykiss)	72 d
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	EC50	>10 g/l	soil microorganisms	16 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	NOEC	≥1.19 mg/l	daphnia magna	21 d
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	growth (EbCx) 10%	4.4 mg/l	green algae (Desmodesmus subspicatus)	72 h
2-methylisothiazol-3(2H)-one	2682-20-4	ErC50	0.22 mg/l	algae	120 h
2-methylisothiazol-3(2H)-one	2682-20-4	EC50	1.4 mg/l	daphnia magna	21 d
2-methylisothiazol-3(2H)-one	2682-20-4	LOEC	9.88 mg/l	rainbow trout (Oncorhynchus mykiss)	98 d
2-methylisothiazol-3(2H)-one	2682-20-4	NOEC	4.93 mg/l	rainbow trout (Oncorhynchus mykiss)	98 d
2-methylisothiazol-3(2H)-one	2682-20-4	growth (EbCx) 10%	1 mg/l	soil microorganisms	16 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	EC50	13 mg/l	microorganisms	3 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	NOEC	11 mg/l	microorganisms	3 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential
Data are not available.

12.4 Mobility in soil
Data are not available.

12.5 Results of PBT and vPvB assessment
Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.

12.6 Endocrine disrupting properties
Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

12.7 Other adverse effects
Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Sewage disposal-relevant information
Do not empty into drains. Avoid release to the environment.

Waste treatment of containers/packagings
Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks
Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number	not assigned
14.2 UN proper shipping name	not assigned
14.3 Transport hazard class(es)	none
14.4 Packing group	not assigned
14.5 Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user
There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments
No data available.

Additional information for each of the UN Model Regulations

International Maritime Dangerous Goods Code (IMDG) - additional information
Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - additional information
Not subject to ICAO-IATA.

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Seveso Directive

2012/18/EU (Seveso III)			
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
	not assigned		

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

Water Framework Directive (WFD)

None of the ingredients are listed.

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013

None of the ingredients are listed.

Regulation 648/2004/EC on detergents

Labelling of contents	
Wt%	Constituents
≥5% - <15%	anionic surfactants
< 5 %	non-ionic surfactants
	perfumes (TERPINEOL) preservation agents (METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE)

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

Restrictions of occupation

Directive 94/33/EC on the protection of young people at work / Observe national regulations on protection of young people at work.

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

None of the ingredients are listed.

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)			
Name	Name acc. to inventory	Conditions of restriction	No
CyclOn Pro Bike Wash & Protect	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	R3	3

Legend

R3 1. Shall not be used in:
— ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
— tricks and jokes,
— games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
2. Articles not complying with paragraph 1 shall not be placed on the market.
3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
— can be used as fuel in decorative oil lamps for supply to the general public, and,

Legend

— present an aspiration hazard and are labelled with R65 or H304,
4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the British Standard Specification on Decorative oil lamps (BS EN 14059) adopted by the British Standards Institute.
5. Without prejudice to the implementation of other legislation relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
(a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010 'Just a sip of lamp oil
— or even sucking the wick of lamps
— may lead to life-threatening lung damage';
(b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as
follows: 'Just a sip of grill lighter may lead to life-threatening lung damage';
(c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the Agency.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GB CLP	The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended)
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)

Abbr.	Descriptions of used abbreviations
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LEL	Lower explosion limit (LEL)
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
LOEC	Lowest Observed Effect Concentration
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
UEL	Upper explosion limit (UEL)
UN	United Nations
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended). The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended). GB mandatory classification and labelling.

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.