

Safety data sheet
according to (EU) 2015/830

Printing date 03.07.2018

Version number 2.0

Revision: 03.07.2018

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

· **1.1 Product identifier**

· **Trade name: BIKE CLEAN**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Application of the substance / the mixture**

Cleaning material/ Detergent
Only for proper handling.

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

BUCHER_AG_LANGENTHAL
MOTOREX-Schmiertechnik
Bern-Zürich-Strasse_31__
CH-4901_Langenthal__
Telefon_+41_(0)62_919_75_75

· **Only representative in EU:**

MOTOREX Deutschland AG, Bismarckstrasse 28, D-69198 Schriesheim

· **Further information obtainable from: msdsmotorex.com**

· **1.4 Emergency telephone number:**

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

* **SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2 H319 Causes serious eye irritation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS07

· **Signal word Warning**

· **Hazard statements**

H319 Causes serious eye irritation.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash thoroughly after handling.

P280 Wear 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.

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- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 111905-53-4 Polymer Reg.nr.: 02-2119548508-30-0000	fatty alcohol alkoxyate Skin Irrit. 2, H315	1-2.5%
CAS: 68411-30-3 EINECS: 270-115-0 Reg.nr.: 01-2119489428-22	Benzene sulfonic acid, C10-13-alkyl derivatives, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315	1-2.5%
CAS: 28348-53-0 EINECS: 248-983-7 Reg.nr.: 05-2114572830-47	sodium cumenesulphonate Eye Irrit. 2, H319	1-2.5%
CAS: 26183-52-8 NLP: 500-046-6	Alkohol C10, ethoxyliert Eye Irrit. 2, H319	0.25-1%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash affected skin thoroughly with water.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Rinse mouth and immediately consult a physician
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Not required.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Do not use aluminium as material of construction for equipment (tanks, pumps, gaskets etc.).
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Avoid freezing.
Keep container tightly sealed.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs

68411-30-3 Benzene sulfonic acid, C10-13-alkyl derivatives, sodium salts

Oral	DNEL/general population/Systemic effects/Long-term	0.425 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	85 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	42.5 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	6 mg/m ³ (worker)

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DNEL / Workers / Local Effects / Long-term	6 mg/m ³ (worker)
DNEL/general population/Systemic effects/Long-term	1.5 mg/m ³ (consumer)
DNEL/general population/Local effects/Long-term	1.5 mg/m ³ (consumer)

· **PNECs****68411-30-3 Benzene sulfonic acid, C10-13-alkyl derivatives, sodium salts**

PNEC / Aquatic organisms / Freshwater	0.268 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	0.0268 mg/l (aquatic organisms)
PNEC/Aquatic org/intermittent releases(freshwater)	0.0167 mg/l (aquatic organisms)
PNEC/Aquatic organisms/Sewage treatment plant/STP	3.43 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	8.1 mg/kg (aquatic organisms)
PNEC / Aquatic organisms / Sediment (marine water)	6.8 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	35 mg/kg (terrestrial organisms)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Protective gloves to EN374, resistant to oil in use. Standard EN 374 Level 3 control G1

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.

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 374 Part 3: Level 1).

· **Eye protection:** Goggles recommended during refilling· **Body protection:** Protective work clothing

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:	Fluid
· Colour:	Blue
· Odour:	typical, characteristic
· Odour threshold:	Not determined.

· pH-value at 20 °C: 9.3 (DIN 51369)

· Change in condition

· Melting point/freezing point:	Undetermined.
· Initial boiling point and boiling range:	Undetermined.

· Flash point: Not applicable.

· Flammability (solid, gas): Not applicable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

· Explosion limits:

· Lower:	Not determined.
· Upper:	Not determined.

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C: 1.048 g/cm³ (ASTM D 4052)

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Fully miscible.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

· Dynamic:	Not determined.
· Kinematic:	Not determined.

· Solids content: 0.0 %

· 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions: No dangerous reactions known.

· 10.4 Conditions to avoid: No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

111905-53-4 fatty alcohol alkoxyate

Oral	LD50	>2,000 mg/kg (rat)
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68411-30-3 Benzene sulfonic acid, C10-13-alkyl derivatives, sodium salts

Oral	LD50	1,080 mg/kg (rat)
	NOAEL	40-85 mg/kg/24h (rat)
	LOAEL	115-145 mg/kg/24h (rat)
Dermal	LD50	2,000 mg/kg (rat)

28348-53-0 sodium cumenesulphonate

Oral	LD50	7,000 mg/kg (rat)
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- **Primary irritant effect:**
- **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.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

111905-53-4 fatty alcohol alkoxyate

LC50	1-10 mg/l/96h (Leuciscus idus)
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68411-30-3 Benzene sulfonic acid, C10-13-alkyl derivatives, sodium salts

LC50	1.8-6.5 mg/l/96h (aquatic invertebrates)
	1.67 mg/l/96h (fish)
LC50	0.96-1.1 mg/l/7d (aquatic invertebrates)
EC50	6.4 mg/l/24h (aquatic invertebrates)
EC50	0.91-29 mg/l/96h (algae / cyanobacteria)
EC50	2.9 mg/l/48h (aquatic invertebrates)
NOEC	0.23 mg/l/72d (fish)
NOEC	100 g/kg/21d (terrestrial plants)
NOEC	0.081 g/kg/28d (sediment)
NOEC	1.18 mg/l/21d (aquatic invertebrates)
NOEC	2.4 mg/l/72h (algae / cyanobacteria)
NOEC	0.5 mg/l/96h (algae / cyanobacteria)

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NOEC	0.5-5 mg/l/7d (aquatic invertebrates)
NOEC	2-4 mg/l/28d (aquatic invertebrates)
	1-3.2 mg/l/28d (fish)

· **12.2 Persistence and degradability** Biodegradability (OECD 302 B): >75 %

· **12.3 Bioaccumulative potential**

68411-30-3 Benzene sulfonic acid, C10-13-alkyl derivatives, sodium salts

Partition coefficient	1.4 [---] (log Kow) (Bioaccumulation)
Biodegradability	85 % (28d) (Biodegradability) (OECD 301 B)

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

· European waste catalogue	
07 06 01*	aqueous washing liquids and mother liquors

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR/RID/ADN, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR/RID/ADN, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR/RID/ADN, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No

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|--|-----------------|
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - **Directive 2012/18/EU**
 - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
 - **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
 - **Other regulations, limitations and prohibitive regulations**
 - **Regulation (EU) No 528/2012 - use of biocidal products**
Contains a biocidal product (bactericide; CAS 2634-33-5; 1,2-Benzisothiazol-3(2H)-one (BIT))
 - **UFI Code** NFCF-JE0U-4006-G90J
- **15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

- **Relevant phrases**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
- **Department issuing SDS:** Abteilung Produktsicherheit
- **Abbreviations and acronyms:**
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- *** Data compared to the previous version altered.**