



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.02.2018

Version number 5

Revision: 02.02.2018

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

- **1.1 Product identifier**
- **Trade name:** **POLO BikeCare CLEANER Motorbike Cleaning Gel**
- **Article number:** 55130100500, 55130100501, 55130100507, 55130100511
- **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
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
POLO Motorrad und Sportswear GmbH
Polostr. 1
41363 Jüchen
- **Tel:** 02165 84 40 200
Fax: 01265 84 40 450
E-Mail: info@polo-motorrad.com
- **Further information obtainable from:**
Safety Department
sicherheit@dr-stoecker.de
- **1.4 Emergency telephone number:**
INTERNATIONAL: +49 (0) 6132 / 84463 (GBK Gefahrgut Büro GmbH, Ingelheim)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **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: 97489-15-1 EC number: 307-055-2 Reg.nr.: 01-2119489924-20	Sulfonic acids, C14-17-sec-alkane, sodium salts Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	2.5-10%
EC number: 939-265-0 Reg.nr.: 01-2119970645-28	Sulfuric acid, C12-14 (even numbered)-alkyl-esters, compds. with triethanolamine Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	≤2.5%
CAS: 13845-36-8 EINECS: 237-574-9	Pentapotassium triphosphate Met. Corr.1, H290	≤2.5%

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· Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants	≥5 - <15%
phosphates, phosphonates, non-ionic surfactants, polycarboxylates	<5%
preservation agents (PHENOXYETHANOL, METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE)	

· 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**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
Immediately rinse with water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
If swallowed, seek medical advice immediately and show this container or label.
- **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:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
- **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.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **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:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
- Protect from heat and direct sunlight.
- Protect from frost.
- Keep container tightly sealed.
- **Storage class:** 10
- **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**

57-55-6 Methyl glycol

Oral	Long term - systemic effects, general population	85 mg/kg bw/day (general population)
Dermal	Long term - systemic effects, general population	213 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	168 mg/m ³ (worker)
	Long-term - local effects, worker	10 mg/m ³ (worker)
	Long term - systemic effects, general population	50 mg/m ³ (general population)
	Long term - local effects, general population	10 mg/m ³ (general population)

97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

Oral	Long term - systemic effects, general population	7.1 mg/kg bw/day (general population)
Dermal	Acute - local effects, worker	2.8 mg/cm ² (worker)
	Long-term - systemic effects, worker	5 mg/kg bw/day (worker)
	Long-term - local effects, worker	2.8 mg/cm ² (worker)
	Acute - local effects, general population	2.8 mg/cm ² (general population)
	Long term - systemic effects, general population	3.57 mg/kg bw/day (general population)
Inhalative	Long term - local effects, general population	2.8 mg/cm ² (general population)
	Long-term - systemic effects, worker	35 mg/m ³ (worker)
	Long term - systemic effects, general population	12.4 mg/m ³ (general population)

Sulfuric acid, C12-14 (even numbered)-alkyl-esters, compds. with triethanolamine

Oral	Long term - systemic effects, general population	24 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	4,060 mg/kg bw/day (worker)

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<i>Inhalative</i>	<i>Long term - systemic effects, general population</i>	2,440 mg/kg bw/day (general population)
	<i>Long-term - systemic effects, worker</i>	285 mg/m ³ (worker)
	<i>Long term - systemic effects, general population</i>	85 mg/m ³ (general population)
13845-36-8 Pentapotassium triphosphate		
<i>Inhalative</i>	<i>Long-term - systemic effects, worker</i>	5.289 mg/m ³ (worker)
	<i>Long term - systemic effects, general population</i>	1.304 mg/m ³ (general population)

· PNECs
57-55-6 Methyl glycol

<i>Aquatic compartment - freshwater</i>	260 mg/l (Sweet Water / Süßwasser)
<i>Aquatic compartment - marine water</i>	26 mg/l (marine water)
<i>Aquatic compartment - water, intermittent releases</i>	183 mg/l (intermittent release water)
<i>Aquatic compartment - sediment in freshwater</i>	572 mg/kg sed dw (Sweet Water / Süßwasser)
<i>Aquatic compartment - sediment in marine water</i>	57.2 mg/kg sed dw (marine water)
<i>Terrestrial compartment - soil</i>	50 mg/kg dw (soil)
<i>sewage treatment plant</i>	20,000 mg/l (sewage treatment plant)

97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

<i>Aquatic compartment - freshwater</i>	0.04 mg/l (Sweet Water / Süßwasser)
<i>Aquatic compartment - marine water</i>	0.004 mg/l (marine water)
<i>Aquatic compartment - water, intermittent releases</i>	0.06 mg/l (intermittent release water)
<i>Aquatic compartment - sediment in freshwater</i>	9.4 mg/kg sed dw (sediment fresh water)
<i>Aquatic compartment - sediment in marine water</i>	0.94 mg/kg sed dw (sediment marine water)
<i>Terrestrial compartment - soil</i>	9.4 mg/kg dw (soil)
<i>sewage treatment plant</i>	600 mg/l (sewage treatment plant)
<i>Oral secondary poisoning</i>	53.3 mg/kg food (food sec poisoning)

Sulfuric acid, C12-14 (even numbered)-alkyl-esters, compds. with triethanolamine

<i>Aquatic compartment - freshwater</i>	0.012 mg/l (freshwater)
<i>Aquatic compartment - marine water</i>	0.0012 mg/l (marine water)
<i>Aquatic compartment - sediment in freshwater</i>	0.422 mg/kg sed dw (sediment fresh water)
<i>Aquatic compartment - sediment in marine water</i>	0.0422 mg/kg sed dw (sediment marine water)
<i>Terrestrial compartment - soil</i>	0.083 mg/kg dw (soil)
<i>sewage treatment plant</i>	1.35 mg/l (sewage treatment plant)

13845-36-8 Pentapotassium triphosphate

<i>Aquatic compartment - freshwater</i>	0.05 mg/l (freshwater)
<i>Aquatic compartment - marine water</i>	0.005 mg/l (marine water)
<i>sewage treatment plant</i>	50 mg/l (sewage treatment plant)

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

Immediately remove all soiled and contaminated clothing

· **Respiratory protection:** Not necessary if room is well-ventilated.

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- **Protection of hands:** Protective gloves
- **Material of gloves**
Nitrile rubber, NBR
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.
- **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.
- **Eye protection:** Goggles recommended during refilling

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Fluid
 - **Colour:** Green
- **Odour:** Specific type
- **Odour threshold:** Not determined.
- **pH-value at 20 °C:** 8,8 (DIN 19268)
- **Change in condition**
 - **Melting point/freezing point:** Undetermined.
 - **Initial boiling point and boiling range:** ca. 100 °C
- **Flash point:** >90 °C
- **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.
- **Oxidising properties** Not determined.
- **Vapour pressure at 20 °C:** 23 hPa
- **Density at 20 °C:** 1,04 g/cm³ (DIN 51757)
- **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.

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· 9.2 Other information

No further relevant information available.

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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.

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:****56-81-5 glycerol**

Oral	LD50	12,600 mg/kg (rat)
Dermal	LD50	>18,700 mg/kg (rabbit)

57-55-6 Methyl glycol

Oral	LD50	>22,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

Oral	LD50	>500-2,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (mouse)

Sulfuric acid, C12-14 (even numbered)-alkyl-esters, compds. with triethanolamine

Oral	LD50	>500-<2,000 mg/kg (rat) (EU Method B.1)
Dermal	LD50	>2,000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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:****56-81-5 glycerol**

LC50	>10,000 mg/l (Daphnia magna)
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LC50/96 h	>10,000 mg/l (Goldorfe) >1,000 mg/l (Leuciscus idus)
57-55-6 Methyl glycol	
EC0/18 h	>20,000 mg/l (Pseudomonas putida)
LC50/96 h	40,613 mg/l (Oncorhynchus mykiss)
EC50/48 h	>100 mg/l (Daphnia magna)
EC50/72 h	24,200 mg/l (Scenedesmus capricornutum)
97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts	
NOEC	600 mg/l (Pseudomonas putida) (DIN 38412 T.8) 0.36 mg/l (Daphnia magna) (OECD 202) 22 d
NOEC 28 d	0.85 mg/l (Oncorhynchus mykiss) (OECD 204)
NOEC 56 d	470 mg/l (Eisenia foetida) (OECD 222)
OECD 301 B	78 % () (28 d)
LC50/96 h	1-10 mg/l (Danio rerio) (OECD 203)
EC50/48 h	9.81 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	>61 mg/l (Desmodesmus subspicatus) (OECD 201)
Sulfuric acid, C12-14 (even numbered)-alkyl-esters, compds. with triethanolamine	
NOEC	0.88 mg/l (Ceriodaphnia dubia) ≥1,357 mg/l (Pimephlas promelas) 42 d
LC50/96 h	3.6 mg/l (Oncorhynchus mykiss) (OECD 203)
EC50/48 h	7.1 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	9.3 mg/l (Desmodesmus subspicatus) (EU Method C.3)
EC50/3h	135 mg/l (bel) (OECD 209)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

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

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **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**

Smaller quantities can be disposed of with household waste.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **European waste catalogue**

20 01 30	detergents other than those mentioned in 20 01 29
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15 01 02 | plastic packaging

- **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, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:** Not applicable.
- **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.
- **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.

- **Relevant phrases**
 - H290 May be corrosive to metals.
 - H302 Harmful if swallowed.
 - H315 Causes skin irritation.
 - H318 Causes serious eye damage.
 - H412 Harmful to aquatic life with long lasting effects.
- **Department issuing SDS:** Department R&D
- **Contact:** Department R&D
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - DNEL: Derived No-Effect Level (REACH)

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PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Met. Corr.1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**

EU