



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

Printing date 09.07.2015

Version number 3

Revision: 09.07.2015

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

- **1.1 Product identifier**
- **Trade name:** Motorbike Cleaning Gel
- **Article number:** 55130100500, 55130100501, 77320
- **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.
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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**
Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
- **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: 1569-01-3 EINECS: 216-372-4 Reg.nr.: 01-2119474443-xx	1-propoxypropan-2-ol	Flam. Liq. 3, H226; Eye Irrit. 2, H319	2,5-10%
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· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

phosphates, amphoteric surfactants, non-ionic surfactants, anionic surfactants	< 5%
preservation agents (BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)	

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· **Additional information:** For the wording of the listed risk 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:**
Immediately rinse with water.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Seek immediate medical advice.
- **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:** Wear self-contained 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** 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**
When using do not eat or drink.
When using do not smoke.
- **Information about fire - and explosion protection:** No special measures required.

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- **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 frost.
 - Protect from heat and direct sunlight.
 - 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 propane-1,2-diol

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 - local effects, general population	10 mg/m ³ (general population)
	Long term - systemic effects, general population	50 mg/m ³ (general population)
	Long-term - local effects, worker	10 mg/m ³ (worker)
	Long-term - systemic effects, worker	168 mg/m ³ (worker)

1569-01-3 1-propoxypropan-2-ol

Oral	Long term - systemic effects, general population	2,2 mg/kg bw/day (general population)
Dermal	Long term - systemic effects, general population	2,2 mg/kg bw/day (general population)
	Long-term - systemic effects, worker	9 mg/kg bw/day (worker)
Inhalative	Long term - systemic effects, general population	26 mg/m ³ (general population)
	Long-term - systemic effects, worker	217 mg/m ³ (worker)

· **PNECs**

57-55-6 propane-1,2-diol

Aquatic compartment - freshwater	260 mg/l (Sweet Water / Süßwasser)
Aquatic compartment - marine water	26 mg/l (marine water)
Aquatic compartment - sediment in freshwater	572 mg/kg sed dw (Sweet Water / Süßwasser)
Aquatic compartment - sediment in marine water	57,2 mg/kg sed dw (marine water)
Aquatic compartment - water, intermittent releases	183 mg/l (intermittent release water)
Terrestrial compartment - soil	50 mg/kg dw (soil)
sewage treatment plant	20000 mg/l (sewage treatment plant)

1569-01-3 1-propoxypropan-2-ol

Aquatic compartment - freshwater	0,1 mg/l (freshwater)
Aquatic compartment - marine water	0,01 mg/l (marine water)
Aquatic compartment - sediment in freshwater	0,386 mg/kg sed dw (sediment fresh water)

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Aquatic compartment - sediment in marine water	0,0386 mg/kg sed dw (sediment marine water)
Aquatic compartment - water, intermittent releases	1 mg/l (intermittent release water)
Terrestrial compartment - soil	0,0185 mg/kg dw (soil)

· **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.

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

· **Protection of hands:** Not required.

· **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:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 8,8 (DIN 19268)

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: ca. 100 °C

· **Flash point:** > 61 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: 2,6 Vol %

Upper: 12,6 Vol %

· **Oxidising properties** Not determined.

· **Vapour pressure at 20 °C:** 23 hPa

· **Density at 20 °C:** 1,045 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.

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Kinematic:
 · 9.2 Other information

Not determined.
 No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity
- 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
- | · LD/LC50 values relevant for classification: | | |
|---|------|-----------------------|
| 57-55-6 propane-1,2-diol | | |
| Oral | LD50 | > 22000 mg/kg (rat) |
| Dermal | LD50 | > 2000 mg/kg (rabbit) |
| 1569-01-3 1-propoxypropan-2-ol | | |
| Oral | LD50 | 2519 mg/kg (rat) |
| Dermal | LD50 | 3818 mg/kg (rabbit) |
- Primary irritant effect:
 - Skin corrosion/irritation No irritant effect.
 - Serious eye damage/irritation No irritating effect.
 - Respiratory or skin sensitisation No sensitising effects known.
 - Repeated dose toxicity No further relevant information available.
 - CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
 No further relevant information available.

SECTION 12: Ecological information

- 12.1 Toxicity
 - Aquatic toxicity:
- | 57-55-6 propane-1,2-diol | |
|--------------------------------|---|
| EC0/18 h | > 20000 mg/l (Pseudomonas putida) |
| EC50/48 h | > 100 mg/l (Daphnia magna) |
| EC50/72 h | 24200 mg/l (Scenedesmus capricornutum) |
| LC50/96 h | 40613 mg/l (Oncorhynchus mykiss) |
| 1569-01-3 1-propoxypropan-2-ol | |
| EC50 | 3800 mg/l (Bacteria) |
| | 1466 mg/l (Pseudokirchnerella subcapitata) (16 h) |
| LC50 | 3400 mg/l (Pimephlas promelas) |
| LC50/48 h | > 100 mg/l (Daphnia magna) |

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LC50/96 h > 100 mg/l (*Oncorhynchus mykiss*)

- **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 1 (German Regulation) (Self-assessment): 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** Smaller quantities can be disposed of with household waste.

- **European waste catalogue**

20 01 30	detergents other than those mentioned in 20 01 29
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:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

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· **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

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

· Department issuing MSDS: 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)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

· * Data compared to the previous version altered.