



ShamPol Premium Car Shampoo

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

1.1. Product identifier

ShamPol Premium Car Shampoo

UFI: KWSM-7G4E-TR90-83WU

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

Use of the substance/mixture

Washing and cleaning products

1.3. Details of the supplier of the safety data sheet

Company name: SCHOLL Concepts GmbH

Polish & Pad Manufaktur

Street: Maybachstrasse 7

Place: D-71686 Remseck

Telephone: +49 (0) 7141 29299 - 0

Telefax: +49 (0) 7141 29299 - 10

e-mail: sds@schollconcepts.com

Internet: www.schollconcepts.com

1.4. Emergency telephone number:

+49 (0) 89 19240 (Giftnotruf Technische Universität München)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EG) Nr. 1272/2008

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EG) Nr. 1272/2008

Hazard components for labelling

This product has been treated with biocides for preservation.

Alcohols ,C9-C11, ethoxylated

Amides, coco, n-(hydroxyethyl), ethoxylated

sodium salt of alkylaminecarboxylate

Signal word: Danger



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Pictograms:



Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P264 Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

P501 Dispose of waste according to applicable legislation.

Special labelling of certain mixtures

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

2.3. Other hazards

The mixture contains the following substances fulfilling the PBT criteria according to UK REACH: octamethylcyclotetrasiloxane.

The mixture contains the following substances fulfilling the vPvB criteria according to UK REACH: octamethylcyclotetrasiloxane.

Endocrine disrupting properties: octamethylcyclotetrasiloxane.

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



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Hazardous components

| CAS No | Chemical name | Quantity |
|-------------|--|-----------|
| | EC No | |
| | Index No | |
| | REACH No | |
| | Classification (Regulation (EG) Nr. 1272/2008) | |
| 34590-94-8 | dipropylene glycol monomethyl ether | 1 - < 5 % |
| | 252-104-2 | |
| | 01-2119450011-60 | |
| 169107-21-5 | Alcohols, C9-11-branched,ethoxylated | 1 - < 5 % |
| | Acute Tox. 4, Eye Dam. 1; H302 H318 | |
| 68425-44-5 | Amides, coco, n-(hydroxyethyl), ethoxylated | 1 - < 5 % |
| | Eye Dam. 1; H318 | |
| 90170-43-7 | Sodium alkylamine dicarboxylate | 1 - < 5 % |
| | 290-476-8 | |
| | 01-2119976233-35 | |
| | Eye Irrit. 2; H319 | |
| 61827-42-7 | isodecyl alcohol polyethoxylate | 1 - < 5 % |
| | Acute Tox. 4, Eye Dam. 1; H302 H318 | |
| 164462-16-2 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | < 1 % |
| | 423-270-5 | |
| | 01-0000016977-53 | |
| | Met. Corr. 1; H290 | |
| 556-67-2 | octamethylcyclotetrasiloxane | < 0.1 % |
| | 209-136-7 | |
| | 01-2119529238-36 | |
| | Flam. Liq. 3, Repr. 2, Aquatic Chronic 1; H226 H361f H410 | |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1) | < 0.1 % |
| | 611-341-5 | |
| | 613-167-00-5 | |
| | Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071 | |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | < 0.1 % |
| | 220-239-6 | |
| | 01-2120764690-50 | |
| | Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071 | |

Full text of H and EUH statements: see section 16.



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Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|-------------|-----------|---|-----------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 34590-94-8 | 252-104-2 | dipropylene glycol monomethyl ether | 1 - < 5 % |
| | | inhalation: LC50 = 55-60 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg | |
| 169107-21-5 | | Alcohols, C9-11-branched,ethoxylated | 1 - < 5 % |
| | | oral: ATE = 500 mg/kg | |
| 68425-44-5 | | Amides, coco, n-(hydroxyethyl), ethoxylated | 1 - < 5 % |
| | | oral: LD50 = >2000 mg/kg | |
| 90170-43-7 | 290-476-8 | Sodium alkylamine dicarboxylate | 1 - < 5 % |
| | | dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg | |
| 61827-42-7 | | isodecyl alcohol polyethoxylate | 1 - < 5 % |
| | | oral: LD50 = 1940 mg/kg | |
| 164462-16-2 | 423-270-5 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | < 1 % |
| | | dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg | |
| 556-67-2 | 209-136-7 | octamethylcyclotetrasiloxane | < 0.1 % |
| | | inhalation: LC50 = 36 mg/l (dusts or mists); dermal: LD50 = >2375 mg/kg; oral: LD50 = >4800 mg/kg Aquatic Chronic 1; H410: M=10 | |
| 55965-84-9 | 611-341-5 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1) | < 0.1 % |
| | | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = >141 mg/kg; oral: LD50 = 66 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100 | |
| 2682-20-4 | 220-239-6 | 2-methyl-2H-isothiazol-3-one | < 0.1 % |
| | | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = 242 mg/kg; oral: LD50 = 120 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=1 | |

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, < 5 % amphoteric surfactants, < 5 % phosphates, perfumes (Limonene), preservation agents (Methylchloroisothiazolinone/Methylisothiazolinone, Methylisothiazolinone, Benzisothiazolinone).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

IF exposed or concerned: Call a doctor. When in doubt or if symptoms are observed, get medical advice.



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Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Dry extinguishing powder. Carbon dioxide (CO₂). Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Gases/vapours, corrosive

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.



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For non-emergency personnel

Remove all sources of ignition. Remove persons to safety. Ventilate affected area. Wear personal protection equipment (refer to section 8).

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Use personal protection equipment. Material, alkali-resistant

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Cover drains. Collect spillage. Collect in closed and suitable containers for disposal.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Use non-sparking tools. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Handle and open container with care.

Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away.

Advice on general occupational hygiene

Wear protective gloves/protective clothing and eye/face protection. Take off contaminated clothing and wash it before reuse. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Draw up and observe skin protection programme.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.



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Hints on joint storage

Do not store together with: Oxidising agent. Strong acid. Strong alkali.

Further information on storage conditions

Recommended storage temperature: 15-25°C

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|------------|----------------------------------|-----|-------------------|-----------|-----------|--------|
| 34590-94-8 | (2-methoxymethylethoxy) propanol | 50 | 308 | | TWA (8 h) | WEL |



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DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|---|----------------|----------|-------------------------|
| 34590-94-8 | dipropylene glycol monomethyl ether | | | |
| Consumer DNEL, long-term | | oral | systemic | 36 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 308 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 37,2 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 283 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 121 mg/kg bw/day |
| 90170-43-7 | Sodium alkylamine dicarboxylate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 980 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 2,67 mg/kg bw/day |
| 164462-16-2 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | | | |
| Consumer DNEL, acute | | inhalation | local | 20 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 40 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 20 mg/m ³ |
| Worker DNEL, acute | | dermal | systemic | 2000 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | systemic | 170 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | local | 4 mg/m ³ |
| Worker DNEL, acute | | dermal | local | 2000 mg/cm ² |
| Worker DNEL, acute | | inhalation | systemic | 40 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 25 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | systemic | 400 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 17 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | local | 2 mg/m ³ |
| Worker DNEL, long-term | | inhalation | systemic | 40 mg/m ³ |
| 556-67-2 | octamethylcyclotetrasiloxane | | | |
| Consumer DNEL, acute | | oral | systemic | 3,7 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | local | 13 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 3,7 mg/kg bw/day |
| Worker DNEL, acute | | inhalation | local | 73 mg/m ³ |



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| | | | |
|--------------------------|------------------------------|----------|-------------------------|
| Consumer DNEL, long-term | inhalation | systemic | 13 mg/m ³ |
| Worker DNEL, long-term | inhalation | systemic | 73 mg/m ³ |
| Worker DNEL, long-term | inhalation | local | 73 mg/m ³ |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | | |
| Worker DNEL, long-term | inhalation | local | 0,021 mg/m ³ |
| Consumer DNEL, long-term | inhalation | local | 0,012 mg/m ³ |
| Consumer DNEL, long-term | oral | systemic | 0,027 mg/kg bw/day |
| Worker DNEL, acute | inhalation | local | 0,043 mg/m ³ |



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PNEC values

| CAS No | Substance | Value |
|--|---|--------------|
| Environmental compartment | | |
| 34590-94-8 | dipropylene glycol monomethyl ether | |
| Freshwater | | 19 mg/l |
| Marine water | | 1,9 mg/l |
| Freshwater sediment | | 70,2 mg/kg |
| Marine sediment | | 7,02 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 4168 mg/l |
| Soil | | 2,74 mg/kg |
| 90170-43-7 | Sodium alkylamine dicarboxylate | |
| Marine water | | 0,01 mg/l |
| Freshwater sediment | | 0,1 mg/l |
| 164462-16-2 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | |
| Freshwater | | 2 mg/l |
| Freshwater (intermittent releases) | | 1 mg/l |
| Marine water | | 0,2 mg/l |
| Freshwater sediment | | 24 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 100 mg/l |
| Soil | | 2,5 mg/kg |
| 556-67-2 | octamethylcyclotetrasiloxane | |
| Freshwater | | 0,0015 mg/l |
| Marine water | | 0,00015 mg/l |
| Freshwater sediment | | 3 mg/kg |
| Marine sediment | | 0,3 mg/kg |
| Secondary poisoning | | 41 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 10 mg/kg |
| Soil | | 0,54 mg/kg |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | |
| Freshwater | | 0,00339 mg/l |
| Marine water | | 0,00339 mg/l |
| Soil | | 0,047 mg/kg |

8.2. Exposure controls



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Appropriate engineering controls

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. Suitable eye protection: Eye glasses with side protection (EN 166)

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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. Tested protective gloves must be worn. Recommended glove articles : Rotiprotect Nitril Eco, Thickness of the glove material 0,1 mm, level 1 > 10 min. (DIN EN 374)

Skin protection

Wear suitable protective clothing.

Respiratory protection

Warning! In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|--------|
| Physical state: | Liquid |
| Colour: | yellow |
| Odour: | fruity |

| | Test method |
|---|----------------|
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | 100 °C |
| Flammability | |
| Solid/liquid: | not applicable |
| Gas: | not applicable |
| Lower explosion limits: | not applicable |
| Upper explosion limits: | not applicable |



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| | | |
|--|--------------------------|-----------------|
| Flash point: | >95 °C | DIN EN ISO 2719 |
| Auto-ignition temperature: | not applicable | |
| Decomposition temperature: | not determined | |
| pH-Value (at 20 °C): | 9,62 | |
| Viscosity / kinematic: (at 40 °C) | >20,5 mm ² /s | |
| Water solubility: (at 20 °C) | easily soluble | |
| Solubility in other solvents not determined | | |
| Partition coefficient n-octanol/water: | not determined | |
| Vapour pressure: | not applicable | |
| Density (at 20 °C): | 1,02 g/cm ³ | |
| Relative vapour density: | not determined | |

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties
Not oxidising.

Other safety characteristics

Solvent content: 3,37 %
Viscosity / dynamic:
(at 20 °C) 500-600 mPa·s

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Strong acid. Strong alkali. Oxidising agent.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information



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11.1. Information on hazard classes as defined in CLP Regulation

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

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



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| CAS No | Chemical name | | | | |
|-------------|---|------------------|---------|--------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 34590-94-8 | dipropylene glycol monomethyl ether | | | | |
| | oral | LD50 >5000 mg/kg | Rat | ECHA | OECD 401 |
| | dermal | LD50 >2000 mg/kg | Rabbit | ECHA | OECD 402 |
| | inhalation (4 h) vapour | LC50 55-60 mg/l | Rat | | |
| 169107-21-5 | Alcohols, C9-11-branched,ethoxylated | | | | |
| | oral | ATE 500 mg/kg | | | |
| 68425-44-5 | Amides, coco, n-(hydroxyethyl), ethoxylated | | | | |
| | oral | LD50 >2000 mg/kg | Rat | | |
| 90170-43-7 | Sodium alkylamine dicarboxylate | | | | |
| | oral | LD50 >2000 mg/kg | Rat | ECHA | |
| | dermal | LD50 >2000 mg/kg | Rat | ECHA | |
| 61827-42-7 | isodecyl alcohol polyethoxylate | | | | |
| | oral | LD50 1940 mg/kg | Rat | | OECD 401 |
| 164462-16-2 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | | | | |
| | oral | LD50 >2000 mg/kg | Rat | ECHA | |
| | dermal | LD50 >2000 mg/kg | Rat | ECHA | |
| 556-67-2 | octamethylcyclotetrasiloxane | | | | |
| | oral | LD50 >4800 mg/kg | Rat | ECHA | OECD 401 |
| | dermal | LD50 >2375 mg/kg | Rat | ECHA | OECD 402 |
| | inhalation (4 h) dust/mist | LC50 36 mg/l | Rat | ECHA | OECD 304 |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1) | | | | |
| | oral | LD50 66 mg/kg | Rat | Thor | |

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| | | | | | | |
|-----------|------------------------------|---------------|-----------|-------|------|--|
| | dermal | LD50 mg/kg | >141 | | Thor | |
| | inhalation vapour | ATE | 0,5 mg/l | | | |
| | inhalation dust/mist | ATE | 0,05 mg/l | | | |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | | | | | |
| | oral | LD50 mg/kg | 120 | Ratte | | |
| | dermal | LD50 mg/kg | 242 | Ratte | | |
| | inhalation vapour | ATE | 0,5 mg/l | | | |
| | inhalation dust/mist | ATE | 0,05 mg/l | | | |

Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

11.2. Information on other hazards**Endocrine disrupting properties**

Endocrine disrupting properties: octamethylcyclotetrasiloxane.

SECTION 12: Ecological information**12.1. Toxicity**

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



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| CAS No | Chemical name | | | | | |
|-------------|---|------------------|-----------|--------------------------------------|-------------|------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 34590-94-8 | dipropylene glycol monomethyl ether | | | | | |
| | Acute fish toxicity | LC50 >10000 mg/l | 96 h | Pimephales promelas (fathead minnow) | ECHA | OECD 203 |
| | Acute algae toxicity | ErC50 >969 mg/l | 96 h | Scenedesmus subspicatus | ECHA | |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48 h | Daphnia magna (Big water flea) | ECHA | OECD 202 |
| | Algae toxicity | NOEC 969 mg/l | 3 d | Pseudokirchneriella subcapitata | ECHA | |
| | Crustacea toxicity | NOEC 12 mg/l | 21 d | Daphnia magna (Big water flea) | ECHA | |
| 169107-21-5 | Alcohols, C9-11-branched, ethoxylated | | | | | |
| | Acute fish toxicity | LC50 >1 mg/l | 96 h | | | |
| | Acute algae toxicity | ErC50 >10 mg/l | 72 h | | | |
| | Acute crustacea toxicity | EC50 >10 mg/l | 48 h | | | |
| 68425-44-5 | Amides, coco, n-(hydroxyethyl), ethoxylated | | | | | |
| | Acute fish toxicity | LC50 >1 mg/l | 96 h | fish | | |
| | Acute algae toxicity | ErC50 >10 mg/l | 72 h | | | |
| | Acute crustacea toxicity | EC50 >10 mg/l | 48 h | Daphnia magna (Big water flea) | | |
| 90170-43-7 | Sodium alkylamine dicarboxylate | | | | | |
| | Acute fish toxicity | LC50 4,2 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | ECHA | OECD 203 |
| | Acute algae toxicity | ErC50 9,4 mg/l | 72 h | | ECHA | |
| | Acute crustacea toxicity | EC50 29 mg/l | 48 h | Daphnia magna (Big water flea) | ECHA | EU Method C.2 |
| | Algae toxicity | NOEC 5,5 mg/l | 3 d | | ECHA | |
| 61827-42-7 | isodecyl alcohol polyethoxylate | | | | | |
| | Acute fish toxicity | LC50 56 mg/l | 96 h | Oncorhynchus mykiss | | semi-static test |
| | Acute crustacea toxicity | EC50 57,4 mg/l | 48 h | Daphnia magna (Big water flea) | static test | static test |
| 164462-16-2 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | | | | | |
| | Acute fish toxicity | LC50 >110 mg/l | 96 h | Danio rerio (zebrafish) | ECHA | |
| | Acute algae toxicity | ErC50 >100 mg/l | 72 h | Scenedesmus subspicatus | ECHA | |



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| | | | | | | | |
|------------|---|----------------|----------|------|-------------------------------------|------|------------------------|
| | Acute crustacea toxicity | EC50 mg/l | >100 | 48 h | Daphnia magna (Big water flea) | ECHA | |
| | Fish toxicity | NOEC | 100 mg/l | 28 d | Oncorhynchus mykiss (Rainbow trout) | ECHA | |
| | Crustacea toxicity | NOEC mg/l | >=100 | 21 d | Daphnia magna (Big water flea) | ECHA | |
| 556-67-2 | octamethylcyclotetrasiloxane | | | | | | |
| | Acute fish toxicity | LC50 mg/l | >0,022 | 96 h | Oncorhynchus mykiss (Rainbow trout) | ECHA | EPA OTS 797.1400 |
| | Acute algae toxicity | ErC50 mg/l | >0,022 | 96 h | Pseudokirchneriella subcapitata | ECHA | EPA OTS 797.1050 |
| | Acute crustacea toxicity | EC50 mg/l | >0,015 | 48 h | Daphnia magna (Big water flea) | ECHA | EPA OTS 797.1300 |
| | Algae toxicity | NOEC mg/l | >0,022 | 4 d | Pseudokirchneriella subcapitata | ECHA | EPA OTS 797.1050 |
| | Crustacea toxicity | NOEC mg/l | >0,015 | 2 d | Daphnia magna (Big water flea) | | EPA OTS 797.1300 |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1) | | | | | | |
| | Acute fish toxicity | LC50 mg/l | 0,22 | 96 h | Oncorhynchus mykiss (Rainbow trout) | Thor | OECD 203 |
| | Acute algae toxicity | ErC50 mg/l | 0,048 | 72 h | Pseudokirchneriella subcapitata | Thor | OECD 201 |
| | Acute crustacea toxicity | EC50 | 0,1 mg/l | 48 h | Daphnia magna (Big water flea) | Thor | OECD 202 |
| | Fish toxicity | NOEC mg/l | 0,098 | 28 d | Oncorhynchus mykiss (Rainbow trout) | Thor | OECD 210 |
| | Algae toxicity | NOEC mg/l | 0,0012 | 3 d | Pseudokirchneriella subcapitata | Thor | OECD 201 |
| | Crustacea toxicity | NOEC mg/l | 0,004 | 21 d | Daphnia magna (Big water flea) | Thor | OECD 211 |
| | Acute bacteria toxicity | (EC50 mg/l) | 7,92 | 3 h | Activated sludge | | OECD 209 |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | | | | | | |
| | Acute fish toxicity | LC50 mg/l | 4,77 | 96 h | Oncorhynchus mykiss (Rainbow trout) | ECHA | OECD 203 |
| | Acute algae toxicity | ErC50 mg/l | 0,103 | 72 h | Selenastrum capricornutum | ECHA | OECD 201 |
| | Acute crustacea toxicity | EC50 mg/l | 0,934 | 48 h | Daphnia magna (Big water flea) | ECHA | OECD 202 |
| | Acute bacteria toxicity | (EC50 mg/l) | 34,6 | 0 h | | Thor | DIN 38412-3 (TTC-Test) |



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12.2. Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

| CAS No | Chemical name | | | |
|-------------|---|--------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 34590-94-8 | dipropylene glycol monomethyl ether | | | |
| | OECD 301F | 79% | 28 | ECHA |
| | Readily biodegradable (according to OECD criteria). | | | |
| 68425-44-5 | Amides, coco, n-(hydroxyethyl), ethoxylated | | | |
| | OECD 301F | 77% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 90170-43-7 | Sodium alkylamine dicarboxylate | | | |
| | OECD 301 B | 96 % | 28 | ECHA |
| | Readily biodegradable (according to OECD criteria). | | | |
| 61827-42-7 | isodecyl alcohol polyethoxylate | | | |
| | OECD Test Guideline 301F | >60% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 164462-16-2 | Trisodium 2-[bis(carboxylatomethyl)amino]propanoate | | | |
| | OECD 301 F | 80-90% | 28 | ECHA |
| | Readily biodegradable (according to OECD criteria). | | | |
| 556-67-2 | octamethylcyclotetrasiloxane | | | |
| | OECD 310 | 3,7 % | 29 | ECHA |
| | Not readily biodegradable (according to OECD criteria) | | | |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1) | | | |
| | OECD 301 A | >70 % | 28 | Thor |
| | Readily biodegradable (according to OECD criteria). | | | |
| | OECD 301 D | >60% | | Thor |
| | Readily biodegradable (according to OECD criteria). | | | |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | | | |
| | OECD 309 | >70% | 28 | ECHA |
| | Readily biodegradable (according to OECD criteria). | | | |

12.3. Bioaccumulative potential

The product has not been tested.

**ShamPol Premium Car Shampoo****Partition coefficient n-octanol/water**

| CAS No | Chemical name | Log Pow |
|------------|-------------------------------------|---------|
| 34590-94-8 | dipropylene glycol monomethyl ether | <3 |
| 556-67-2 | octamethylcyclotetrasiloxane | 5,1 |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | <0,32 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|------------|---|-------|--------------------------------------|----------------|
| 556-67-2 | octamethylcyclotetrasiloxane | 12400 | Pimephales promelas (fathead minnow) | ECHA |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1) | 3,16 | | EPIWIN, S 1177 |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | 3,16 | calculated. | |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the PBT criteria according to UK REACH: octamethylcyclotetrasiloxane.

The mixture contains the following substances fulfilling the vPvB criteria according to UK REACH: octamethylcyclotetrasiloxane.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

This material and its container must be disposed of as hazardous waste. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the



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substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

- | | |
|-----------------------------------|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Inland waterways transport (ADN)

- | | |
|-----------------------------------|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Marine transport (IMDG)

- | | |
|-----------------------------------|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

- | | |
|-----------------------------------|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):
octamethylcyclotetrasiloxane

Restrictions on use (REACH, annex XVII):



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Entry 3, Entry 70, Entry 75

| | |
|---|--|
| 2010/75/EU (VOC): | 0,117 % (1,197 g/l) |
| 2004/42/EC (VOC): | 3,442 % (35,112 g/l) |
| Information according to 2012/18/EU (SEVESO III): | Not subject to 2012/18/EU (SEVESO III) |

Additional information

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC.

National regulatory information

| | |
|--------------------------|--|
| Employment restrictions: | Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). |
| Water hazard class (D): | 1 - slightly hazardous to water |

Substance/product listed in the following inventories

| | |
|--------------|---------|
| EU / Schweiz | yes |
| Taiwan | unknown |
| New Zealand | unknown |
| USA | yes |
| Canada | yes |
| Australia | no |
| Japan | unknown |
| China | yes |
| Korea | no |
| Philippines | unknown |

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 6,7,9,15.

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 Harmonized 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

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LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification | Classification procedure |
|------------------|--------------------------|
| Eye Dam. 1; H318 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H226 | Flammable liquid and vapour. |
| H290 | May be corrosive to metals. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H310 | Fatal in contact with skin. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H361f | Suspected of damaging fertility. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract. |
| EUH208 | Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.



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Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|---|-----|----|----|------------|-----|----|----|---------------|
| 1 | Industrial use of vehicle cleaning products | IS | - | - | 7, 10, 17 | 4 | - | - | |
| 2 | Formulation or re-packing | F | - | - | 8a, 9 | 2 | - | - | |
| 3 | Professional use of vehicle cleaning products | PW | - | - | 10, 11, 17 | 8a | - | - | |
| 4 | Consumer use of washing and cleaning products | C | - | 35 | - | 8a | - | - | |

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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