

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

Printing date 17.03.2015

Version number 104

Revision: 17.03.2015

*** SECTION 1: Identification of the substance/mixture and of the company/undertaking****- 1.1 Product identifier****- Trade name Auto-Shampoo****- Article number: LOS8200****- 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** Exterior vehicle cleaner**- 1.3 Details of the supplier of the safety data sheet****- Manufacturer/Supplier:**

EURO-LOCK Vertriebs-GmbH

Nordweststraße 3

D - 59387 Ascheberg

Tel.: +49 (0) 2593 95887-0

- Informing department:

+49 (0) 2593 95887-0

E-mail: info@euro-lock.de**- 1.4 Emergency telephone number:**

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Monday - Thursday 8:00 - 17:00 CET, Friday 8:00 - 13:00 CET

SECTION 2: Hazards identification**- 2.1 Classification of the substance or mixture****- Classification according to Regulation (EC) No 1272/2008**

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R41: Risk of serious damage to eyes.

- Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

- 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

GHS05

- Signal word Danger**- Hazard-determining components of labelling:**

alkylbenzene sulfonic acid, sodium salt

- Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

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

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Additional information:

Contains (R)-p-mentha-1,8-diene. 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 Mixtures

- **Description:** Mixture of the substances listed below with harmless additions (aqueous solution).

- Dangerous components:		
CAS: 90194-45-9 EINECS: 290-656-6	alkylbenzene sulfonic acid, sodium salt Xn R22; Xi R38-41 ----- Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315	10-25%
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Xi R38-41 ----- Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	2.5-10%
CAS: 5989-27-5 EINECS: 232-433-8 Reg.nr.: 01-2119529223-47	(R)-p-mentha-1,8-diene Xn R65; Xi R38; Xi R43; N R50/53 R10 ----- Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	< 2.5%

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

- Composition/Ingredients

Constituents according to EC-Regulation 648/2004:

15 - 30 % anionic surfactants,

< 5 % non-ionic surfactants,

perfumes (Limonene, Citral),

further constituents: solubilizing, colouring and auxiliary agents.

*** SECTION 4: First aid measures**

- 4.1 Description of first aid measures

- **General advice:** No special measures required.

- After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

- After skin contact

Instantly rinse with water.

If skin irritation continues, consult a doctor.

- **After eye contact** Rinse immediately opened eye for several minutes under running water. Then consult doctor.

- **After swallowing** Do not induce vomiting; instantly call for medical help.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.
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*** SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
CO₂, extinguishing powder or water jet. Fight larger fires with water jet 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:**
See section 8.
Wear self-contained breathing apparatus.
 - **Additional information** Cool endangered containers with water spray jet.
-

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid eye and skin contact.
Wear protective equipment and keep unprotected persons away.
 - **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
If large amounts are released, the authorities must be informed.
 - **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Residues: rinse away with plenty of water.
Dispose of contaminated material as waste according to item 13.
 - **6.4 Reference to other sections**
See Section 8 for information on personal protection equipment.
-

*** SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**
The usual good standards of industrial hygiene should be maintained.
Avoid contact with eyes or skin.
 - **Information about protection against explosions and fires:** No special measures required.
 - **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage**
 - **Requirements to be met by storerooms and containers:**
Observe official regulations on storage and handling of water hazardous substances
Store in original containers or in PE-containers.
 - **Information about storage in one common storage facility:** Not required.
 - **7.3 Specific end use(s)** No further relevant information available.
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*** SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
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- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:** None
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Keep away from food, beverages and fodder.
Avoid close or long term contact with the skin.
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves.
- **Material of gloves**
Butylrubber, BR, recommended thickness of the material: ≥ 0.4 mm, penetration time: ≥ 480 min.
Natural rubber, NR, recommended thickness: ≥ 0.4 mm, penetration time: ≥ 480 min.
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.
- **Penetration time of glove material**
Material of gloves is recommended for a short-term single use to protect from splashes. For permanent usage contact manufacturer of gloves.
- **Eye protection:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

*** SECTION 9: Physical and chemical properties**

- 9.1 Information on basic physical and chemical properties	
- General Information	
- Appearance:	
Form:	Fluid
Colour:	Yellow
- Smell:	citrus like
- Odour threshold:	Not determined
- pH-value (50 g/l) at 20 °C:	ca. 7.5
- Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	> 100 °C
- Flash point:	Product is non-flammable nor potentially explosive
- Self-inflammability:	Product is not selfigniting.
- Danger of explosion:	Product is not potentially explosive
- Density at 20 °C	1.03 g/cm ³
- 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:	Not determined
- 9.2 Other information	No further relevant information available.

*** SECTION 10: Stability and reactivity**

- 10.1 Reactivity see section 10.3
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored 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:
strong oxidizing agents
Strong acids
- 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 that are relevant for classification:

90194-45-9 alkylbenzene sulfonic acid, sodium salt

Oral	LD50	1086-1980 mg/kg (rat)
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Dermal	LD50	> 2000 mg/kg (rat)
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68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Oral	LD50	4100 mg/kg (rat)
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Dermal	LD50	> 2000 mg/kg (rat)
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- Primary irritant effect:

- on the skin: Irritant for skin and mucous membranes.
- on the eye: Strong irritant with the danger of severe eye injury.
- Sensitisation: No sensitizing effect known.

- Additional toxicological information:

Product removes lipid skin film even in diluted solution. Prolonged or repeated contact may cause skin irritation.

*** SECTION 12: Ecological information**

- 12.1 Toxicity

- Aquatic toxicity:

90194-45-9 alkylbenzene sulfonic acid, sodium salt

EC 50 / 48 h	1-10 mg/l (Daphnia magna)
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EC 50 / 72 h	1-10 mg/l (Algae)
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LC 50 / 96 h	1-10 mg/l (Lepomis macrochirus)
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68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

EC 50 / 48 h	7.2 mg/l (Daphnia magna)
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EC 50 / 96 h	7.5 mg/l (Algae)
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LC 50 / 96 h	7.1 mg/l (fish)
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NOEC	0.27 mg/l (<i>Daphnia magna</i>) (21 Tage)
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- 12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

90194-45-9 alkylbenzene sulfonic acid, sodium salt	
Biolog. Abbaubarkeit	> 70 % (OECD 301A) > 90 % (OECD 303 A) > 60 % (OECD 301 B)

- 12.3 Bioaccumulative potential No further relevant information available.

- 12.4 Mobility in soil No further relevant information available.

- Additional ecological information:

- General notes:

The product contains no organic halogen compounds (AOX).

The product contains no organic complexing agents, which are not biodegradable (DOC elimination > 80 % within 28 d)

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

Do not allow product to reach ground water, water bodies 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

The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.

- Recommendation

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

Contact manufacturer for recycling information.

When appropriately used, the product should end up as sewage.

- Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

- Uncleaned packagings: Disposal must be made according to official regulations.

- Recommendation:

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

- Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

- 14.1 UN-Number	Void
- ADR, IMDG, IATA	

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- 14.2 UN proper shipping name - ADR, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	Not applicable. 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.
- Transport/Additional information:	Not dangerous according to the above specifications.
- UN "Model Regulation":	-

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- VOC < 1 % volatile organic compounds (Council Directive 2010/75/EC).
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*** SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Application:** Directions for use: please refer to the Technical Information Sheet
- **Relevant phrases**

Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- 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.
- R10 Flammable.
- R22 Harmful if swallowed.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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R65 Harmful: may cause lung damage if swallowed.

- **Department issuing data specification sheet:** see item 1: Informing department

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

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

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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