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

### 1.1. Product identifier

Name of product Autoshampoo

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

Recommended intended purpose(s)

Car care product

### 1.3. Details of the supplier of the safety data sheet

Distributor Daimler AG  
D-70546 Stuttgart Germany

### Advice

Phone +49 (0)711 17-97390  
Fax +49 (0)711 17-94831  
E-mail (competent person):  
Mercedes-Benz-SDB@daimler.com

### 1.4. Emergency telephone number

Emergency advice

Phone +49 (0)711 17-0

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

#### Additional hints

The preparation is not classified as hazardous according to Directive 1999/45/EC.

#### Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Eye Irrit. 2	H319	
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#### Hazard statements for health hazards

H319	Causes serious eye irritation.
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### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS07

Signal word

Warning



## Hazard statements for health hazards

H319 Causes serious eye irritation.

## Precautionary Statements

### General

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

P102 Keep out of reach of children.

### Prevention

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

### Response

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.

### Disposal

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

## 2.3. Other hazards

### Results of PBT and vPvB assessment

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

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

Aqueous surfactant solution.

#### Hazardous ingredients

CAS No	EC No	Name	[%]	Classification according to 67/548/EEC
85536-23-8		Amidpolyglykolether	< 5	Xi, R38
68891-38-3	500-234-8	Alkylether sulfat C12-14 mit EO, Natriumsalz	< 5	Xi R36; Xi R41
69227-22-1		Alkyl Polyglykolether C10-16 mit PO und EO	< 5	Xn R22; Xi R41
3811-73-2	223-296-5	2-Pyridinethiol, 1-oxide, sodium salt	< 0,01	Xn R20/21/22; Xi R36/38; N R50

CAS No	EC No	Name	[%]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
85536-23-8		Amidpolyglykolether	< 5	Skin Irrit. 2, H315
68891-38-3	500-234-8	Alkylether sulfat C12-14 mit EO, Natriumsalz	< 5	Eye Dam. 1, H318 / Skin Irrit. 2, H315
69227-22-1		Alkyl Polyglykolether C10-16 mit PO und EO	< 5	Eye Dam. 1, H318 / Acute Tox. 4, H302
3811-73-2	223-296-5	2-Pyridinethiol, 1-oxide, sodium salt	< 0,01	Aquatic Acute 1, H400 / Acute Tox. 4, H302 / Acute Tox. 4, H312 / Acute Tox. 4, H332 / Skin Irrit. 2, H315

### REACH

CAS No	Name	REACH registration number
85536-23-8	Amidpolyglykolether	01-2119565130-50-xxxx
68891-38-3	Alkylether sulfat C12-14 mit EO, Natriumsalz	01-2119488639-16-XXXX
3811-73-2	2-Pyridinethiol, 1-oxide, sodium salt	01-2119493385-28-0000



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**Labelling for contents according to regulation (EC) No 648/2004, annex VII**

Sodium pyrithione  
Methylisothiazolinone  
Benzisothiazolinone  
less than 5 % anionic surfactants  
less than 5 % non-ionic surfactants  
perfumes

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Remove contaminated clothing immediately and dispose it safely.

**In case of inhalation**

No special measure necessary.

**In case of skin contact**

In case of contact with skin wash off with warm water.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

Do not induce vomiting.  
Refer to medical treatment.  
Rinse out mouth thoroughly with water.

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

**Physician's information / possible symptoms**

eye irritation

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

**Treatment (Advice to doctor)**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Fire-extinguishing activities according to surrounding.

**5.2. Special hazards arising from the substance or mixture**

No information available.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

**Additional information**

Contaminated fire-fighting water must be collected separately; it shall not run into the sewage system, aquatic environment or into the soil.



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## ! SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Avoid skin and eye contact

#### ! For emergency responders

Avoid skin and eye contact

Use personal protective clothing.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

### 6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).

After taking up the material dispose according to regulation.

#### Additional Information

Inform competent authorities in case of leakage to sewage system/surface water/ground water.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special measures necessary if used correctly.

#### General protective measures

Adhere to general precaution rules when handling chemicals

Avoid contact with the eyes.

#### Hygiene measures

Keep away from food and drink.

Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

No special measures necessary.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Prevent penetration into the ground.

#### Advice on storage compatibility

Do not store together with food.

#### Further information on storage conditions

Protect from frost.

Recommended storage temperature: 20°C.



## 7.3. Specific end use(s)

No information available.

## ! SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
3811-73-2	Pyridin-2-thiol-1-oxid, Natriumsalz (Pyrithionnatrium)	8 hours	1 E	2(II)	DFG, H, Z

### 8.2. Exposure controls

#### Respiratory protection

Not required

#### ! Hand protection

Not required

#### Eye protection

safety goggles with side protection

#### Other protection measures

Protective clothing

## ! SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

liquid

#### Colour

orange

#### Odour

characteristic

#### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	8 - 9	20 °C			
Acid number	No data available				
boiling point	>= 100 °C				
melting point	not determined				
Flash point	No data available				
Vapourisation rate					No data available
Flammable (solid)	No data available				
Flammability (gas)	No data available				



	Value	Temperature	at	Method	Remark
<b>Ignition temperature</b>	No data available				
<b>Self ignition temperature</b>	The product is not self-igniting.				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				
<b>Vapour pressure</b>	No data available				
<b>Relative density</b>	1,01 - 1,02	20 °C			
<b>Bulk density</b>	No data available				
<b>Vapour density</b>	No data available				
<b>Solubility in water</b>	Completely miscible				
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity Outflow time</b>	10 - 15 s	20 °C		DIN EN ISO 2431	
<b>Viscosity dynamic</b>	No data available				
<b>Oxidising properties</b>	No data available				
<b>Explosive properties</b>	The product is not explosive				
<b>9.2. Other information</b>	No information available.				

## ! SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.



### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

### Thermal decomposition

Remark No decomposition if used as directed.

### Additional information

No risk of production of decomposition products when appropriately handled and stored

## ! SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat	OECD 401	Alkyl ether sulfate C12-14 with EO, sodium salt
LD50 acute dermal	> 2000 mg/kg	rat		Amide polyglycol ether
Irritability skin	non-irritant			
Irritability eye	irritant			
Skin sensitization	non-sensitizing			

#### Specific target organ toxicity (single exposure)

No information available.

#### Specific target organ toxicity (repeated exposure)

No information available.

### Additional information

None of the ingredients is known to have carcinogenic, mutagenic or reprotoxic effects

## ! SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 >= 1 - 10 mg/l	Brachidanio rerio	DIN EN ISO 7346-2	Alkyl polyglycol ether
Daphnia	EC50 9,5 mg/l	Daphnia magna		Amide polyglycol ether



Value	Species	Method	Validation
<b>Algae</b>	EC50 410 mg/l (72 h)		Amide polyglycol ether
<b>12.2. Persistence and degradability</b>			
<b>Degradability according to WRMG</b>			Biodegradable
<b>12.3. Bioaccumulative potential</b>			
No information available.			
<b>12.4. Mobility in soil</b>			
No information available.			
<b>12.5. Results of PBT and vPvB assessment</b>			
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.			
<b>12.6. Other adverse effects</b>			
<b>General regulation</b>			
Do not allow uncontrolled leakage of product into the environment.			
The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.			

## ! SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste code No.

15 01 02

20 01 29\*

#### Name of waste

plastic packaging

detergents containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

### Recommendations for the product

Do not dispose together with domestic waste

Remove in accordance with local official regulations.

### Recommendations for packaging

Dispose of in accordance with legal regulations.

### ! General information

The allocation of waste identity numbers must be carried out according to the Waste List Ordinance (AVV), specific to the industry and process.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-





	ADR/RID	IMDG	IATA-DGR
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b> No information available.			
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> not applicable			
<b>Transport/further information</b> No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.			

## SECTION 15: Regulatory information

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

No information available.

### 15.2. Chemical Safety Assessment

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

## ! SECTION 16: Other information

### ! Recommended uses and restrictions

Adhere to existing national and local rules referring to chemicals.

### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.2

### ! Sources of key data used

Safety data sheets of suppliers

### Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 22 Harmful if swallowed.

R 36 Irritating to eyes.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 50 Very toxic to aquatic organisms.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.