



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

### 1.1 Product identifier

**Trade name/designation** Autoshampoo

**Partno** A 001 986 41 71 11

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

**Use**

Automotive care products

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

**Supplier**

Mercedes-Benz USA, LLC.

One Mercedes-Benz Dr.

Sandy Springs, GA 30328-4312

+1 770 705 0600

**Manufacturer**

Mercedes-Benz AG

70546 Stuttgart

Telephone +49 (0)711 17-0

### 1.4 Emergency telephone number

+49 (0)711 17-0

gms.daimler.com

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification procedure

[CLP]

Eye Dam. 1, H318

**hazard statements for health hazards**

H318 Causes serious eye damage.

### 2.2 Label elements

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

**product identifiers**

**Trade name/designation** Autoshampoo

**Hazard components for labelling**

alcohols, C12-14, ethoxylated, sulphate, sodium salt



**A 001 986 41 71 11 Autoshamppoo**

Print date 10.05.2020

Revision date 22.04.2020

Version 1

## Hazard pictograms



GHS05

## Signal word

Danger

## Hazard statements

H318 Causes serious eye damage.

## Precautionary statements

P102 Keep out of reach of children.

P280 Wear eye protection.

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

P310 Immediately call a POISON CENTER/doctor.

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

## Other labelling

5 % or over but less than 15 % anionic surfactants  
perfumes  
Sodium pyrithione  
Phenoxyethanol

## 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.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]
68891-38-3	500-234-8	alcohols, C12-14, ethoxylated, sulphate, sodium salt	5 < 10 %	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 3 H412
3811-73-2	223-296-5	2-Pyridinethiol, 1-oxide, sodium salt	< 0.01 %	Acute Tox. 4 H302 Acute Tox. 4 H312 Acute Tox. 4 H332 Skin Irrit. 2 H315 Aquatic Acute 1 H400
REACH No.	Substance name			
01-2119488639-16	alcohols, C12-14, ethoxylated, sulphate, sodium salt			
01-2119493385-28-0000	2-Pyridinethiol, 1-oxide, sodium salt			



## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately.

#### Following inhalation

No special measures are necessary.

#### Following skin contact

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, consult a physician.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

Do NOT induce vomiting.

Medical treatment necessary.

Rinse mouth thoroughly with water.

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

#### Symptoms

eye irritation

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

#### Notes for the doctor

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

#### Unsuitable extinguishing media

High power water jet

### 5.2 Special hazards arising from the substance or mixture

#### Hazardous combustion products

In case of fire formation of dangerous gases possible.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters:

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

### Additional information

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

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Avoid skin and eye contact.

Use personal protection equipment.

#### For emergency responders

Avoid skin and eye contact

Personal protection equipment



## 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

Suitable material for taking up:

Universal binder

After taking up the material dispose according to regulation.

## 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

#### Protective measures

No special measures are necessary.

No special fire protection measures are necessary.

Adhere to general precaution rules when handling chemicals

Avoid:

Eye contact

#### Advices on general occupational hygiene

Keep away from food and drink.

Wash hands before breaks and after work.

Use protective skin cream before handling the product.

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

#### Requirements for storage rooms and vessels

Prevent penetration into the ground.

#### Storage class

12 non-combustible liquids that cannot be assigned to any of the above storage classes

#### Materials to avoid

Do not store together with:

Food and feedingstuffs

#### Further information on storage conditions

Protect against:

Frost

Recommended storage temperature: 20°C.

### 7.3 Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### DNEL worker

CAS No.	Substance name	DNEL value	DNEL type	Remark
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	2750 mg/kg	long-term dermal (local)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	175 mg/m <sup>3</sup>	long-term inhalative (local)	

**A 001 986 41 71 11 Autoshampoo**

Print date 10.05.2020

Revision date 22.04.2020

Version 1

**DNEL Consumer**

CAS No.	Substance name	DNEL value	DNEL type	Remark
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	15 mg/kg	long-term oral (repeated)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	1650 mg/kg	long-term dermal (systemic)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	52 mg/m <sup>3</sup>	long-term inhalative (systemic)	

**PNEC**

CAS No.	Substance name	PNEC Value	PNEC type	Remark
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	10000 mg/L	sewage treatment plant (STP)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.071 mg/L	aquatic, intermittent release	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.24 mg/L	aquatic, freshwater	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.024 mg/L	aquatic, marine water	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	7.5 mg/kg	soil, freshwater	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.9168 mg/kg	sediment, freshwater	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.09168 mg/kg	sediment, marine water	

**8.2 Exposure controls****Personal protection equipment****Eye/face protection**

Eye glasses with side protection

**Hand protection**

Hand protection is not required

**Body protection:**

Protective clothing

**Respiratory protection**

Not required

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****Physical state**

liquid

**Colour**

orange

**Odour**

Lemon

**Safety relevant basis data**

	Value	Method	Source, Remark
Odour threshold:	not determined		
pH	in delivery state 7- 8 (20°C)		

**A 001 986 41 71 11 Autoshampoo**

Print date 10.05.2020

Revision date 22.04.2020

Version 1

	Value	Method	Source, Remark
Melting point/freezing point			not determined
Initial boiling point and boiling range	>= 100 °C		
Flash point			not applicable
Evaporation rate	not determined		
flammability	solid		not applicable
flammability	gaseous		not applicable
Upper/lower flammability or explosive limits	not determined		
Vapour pressure	not determined		
Vapour density	not determined		
Density	1.02- 1.03 (20°C)		
Solubility(ies)	Water solubility (g/L)		completely miscible
Partition coefficient: n-octanol/water	not determined		
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature	not determined		
Viscosity	flow time 10- 15 s (20°C)	DIN EN ISO 2431	4 mm
Explosive properties:			The product is not explosive
Oxidising properties	not determined		

**9.2 Other information****Other safety information**

none

**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 hazardous reactions known.

**10.4 Conditions to avoid**

High temperatures

**10.5 Incompatible materials**

No data available

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**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

##### Animal data

	Effective dose	Method	Source, Remark
Acute oral toxicity	> 5000 mg/kg Rat	OECD 401	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute dermal toxicity	> 5000 mg/kg Rat	OECD 402	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute inhalation toxicity	not determined		

#### Assessment/classification

The classification criteria have not been met according to the available data.

#### Skin corrosion/irritation

##### Assessment/classification

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

#### Eye damage/irritation

##### Assessment/classification

Causes serious eye damage.

#### Sensitisation to the respiratory tract

##### Assessment/classification

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

#### Skin sensitisation

##### Assessment/classification

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

#### Germ cell mutagenicity

##### Assessment/classification

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

#### Carcinogenicity

##### Assessment/classification

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

#### Reproductive toxicity

##### Assessment/classification

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

#### STOT-single exposure

##### STOT SE 1 and 2

##### Assessment/classification

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

##### STOT SE 3

##### Irritation to respiratory tract

##### Assessment/classification

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



**A 001 986 41 71 11 Autoshampoo**

Print date 10.05.2020

Revision date 22.04.2020

Version 1

## Narcotic effects

### Assessment/classification

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

## STOT-repeated exposure

### Assessment/classification

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

## Aspiration hazard

### Experimental data

	Value	Method	Source, Remark
Viscosity	flow time 10- 15 s (20°C)	DIN EN ISO 2431	4 mm

### Assessment/classification

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

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	LC50: 7.1 mg/L Brachydanio rerio (zebra-fish) Test duration 96 h	OECD 203	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Chronic (long-term) fish toxicity	NOEC 39.1 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 49 d	OECD 210	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute (short-term) toxicity to crustacea	EC50 7.4 mg/L Daphnia magna (Big water flea) Test duration 48 h		CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Chronic (long-term) toxicity to crustacea	NOEC 0.27 mg/L Daphnia magna (Big water flea) Test duration 21 d	OECD 211	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute (short-term) toxicity to aquatic algae and cyanobacteria	EC50 7.5 mg/L Test duration 96 h		CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	EL50 > 100 mg/L Pseudomonas putida	OECD 209	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt



**A 001 986 41 71 11 Autoshampoo**

Print date 10.05.2020

Revision date 22.04.2020

Version 1

**12.2 Persistence and degradability**

	Value	Method	Source, Remark
Biodegradation	Degradation rate (%): 100	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt 14 days Easily biodegradable

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

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

**12.6 Other adverse effects****Additional ecotoxicological information****Additional information**

Do not allow uncontrolled discharge 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 codes/waste designations according to EWC/AVV**

Waste code product	Waste name
200130	detergents other than those mentioned in 20 01 29

Waste code packaging	Waste name
150102	plastic packaging

**Appropriate disposal / Product**

Do not dispose together with domestic waste

Dispose of waste according to applicable legislation.

**Appropriate disposal / Package**

Dispose of waste according to applicable legislation.

**Remark**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN number</b>	-	-	-
<b>14.2 UN proper shipping name</b>	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-
<b>14.4 Packing group</b>	-	-	-
<b>14.5 Environmental hazards</b>	No	No	No



## 14.6 Special precautions for user

No data available

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## All transport carriers

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

#### National regulations

##### Water hazard class (WGK)

obviously hazardous to water (WGK 2)

according to the Ordinance on Facilities for Handling Substances that are Hazardous to Water (AwSV)

##### Restrictions of occupation

Observe national legislation regarding professional restrictions.

Observe employment restrictions for young people.

### 15.2 Chemical Safety Assessment

Substance safety analysis was not performed for this mixture.

## SECTION 16: Other information

#### Indication of changes

Current safety data sheets are available at:

<http://gms.aftersales.daimler.com>

#### Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

#### Key literature references and sources for data

Safety data sheets of suppliers

#### Additional information

Adhere to existing national and local rules referring to chemicals.

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.

#### Relevant H- and EUH-phrases (Number and full text)

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.
H412	Harmful to aquatic life with long lasting effects.