



A 002 986 43 71 Matt paintwork shampoo

This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 18.02.2019

Version 13

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

1.1 Product identifier

Trade name/designation Matt paintwork shampoo

Partno A 002 986 43 71

GEDIS-No 0037

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

Use

cleaner

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
Germany

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 [CLP]	Classification procedure
Eye Irrit. 2, H319	

hazard statements for health hazards

H319 Causes serious eye irritation.

2.2 Label elements

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

product identifiers

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Hazard pictograms



GHS07

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection/face 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.

P337 + P313 If eye irritation persists: Get medical advice/attention.

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

Other labelling

Preservatives (benzisothiazolinones and methylisothiazolinone)

< 5% phosphonates

< 5% non-ionic surfactants

5 - 15% anionic surfactants

Odiferous substances (allergen-free as per 2003/15/EC)

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

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
69011-36-5	500-241-6	isotridecanol, ethoxylated	< 1 %	Acute Tox. 4 H302 Eye Dam. 1 H318
2682-20-4	220-239-6	2-methyl-2H-isothiazol-3-one	< 0.005 %	Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 1 H400 M=1 Aquatic Chronic 2 H411



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CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one	< 0.004 %	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 1 H400
REACH No.	Substance name			
01-2119488639-16	alcohols, C12-14, ethoxylated, sulphate, sodium salt			

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

No special measures are necessary.

Following skin contact

Wash with plenty of water.

In case of skin irritation, consult a physician.

After eye contact

Cautiously rinse with water for several minutes. Remove contact lenses if present and if it is easy to do so. Continue rinsing.
Bei anhaltenden Beschwerden Augenarzt konsultieren.

After ingestion

Do NOT induce vomiting.

Medical treatment necessary.

Rinse mouth thoroughly with water.

Let water be drunk in little sips (dilution effect).

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

Special treatment

IF SWALLOWED: administer dimethicone (defoamer).

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

All quenching agents are suitable.

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.



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5.3 Advice for firefighters

Special protective equipment for firefighters:

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

Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid skin and eye contact.

Special danger of slipping by leaking/spilling product.

For emergency responders

Personal protection equipment

High slip hazard because of leaking or spilled product.

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

Collect with spongy material (all-purpose gelation agent) and dispose of in compliance with the regulations.

For cleaning up

Rinse remainder with plenty of water.

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

Avoid contact with the eyes and skin.

No special fire protection measures are necessary.

Adhere to general precaution rules when handling chemicals

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

Keep away from food and drink.

Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures required.

Storage class

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

Further information on storage conditions

No special measures required.



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7.3 Specific end use(s)

Recommendation

See section 1.2

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 ³	long-term inhalative (local)	

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 ³	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

Safety glasses recommended during transfer
DIN EN 166

Hand protection

Hand protection is not required

Respiratory protection

Not required



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Remark

Body protection: not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

light green

Odour

fruity

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
pH	in delivery state 6.5- 7.5 (20°C)		
Melting point/freezing point	not determined		
Initial boiling point and boiling range	101 °C		
Flash point			not applicable
Evaporation rate	not determined		
flammability	solid		not applicable
flammability	gaseous		not applicable
Upper/lower flammability or explosive limits	Upper explosion limit		not applicable
Upper/lower flammability or explosive limits	Lower explosion limit		not applicable
Vapour pressure	23 hPa (20°C)		
Vapour density	not determined		
Density	1.04 (20°C)		
Solubility(ies)	Water solubility (g/L) (20°C)		completely miscible
Partition coefficient: n-octanol/water	2.4		CAS No.69011-36-5 isotridecanol, ethoxylated
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature	not determined		
Viscosity	dynamic 300- 500 mPa*s (20°C)		
Explosive properties:			The product is not explosive
Oxidising properties			Non-oxidizing



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9.2 Other information

Further safety characteristics

	Value	Method	Source, Remark
Solvent content (%)	0 %		

Other safety information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions known.

10.2 Chemical stability

The mixture 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

There is no information available.

10.5 Incompatible materials

None if used as intended.

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 oral toxicity	LD50: > 2000 mg/kg Rat		CAS No.69011-36-5 isotridecanol, ethoxylated
Acute oral toxicity	ATE 100 mg/kg		CAS No.2682-20-4 2- methyl-2H-isothiazol-3-one
Acute oral toxicity	ATE 500 mg/kg		CAS No.2634-33-5 1,2- benzisothiazol-3(2H)-one
Acute dermal toxicity	> 5000 mg/kg Rat	OECD 402	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt



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	Effective dose	Method	Source, Remark
Acute dermal toxicity	LD50: > 2000 mg/kg Rabbit		CAS No.69011-36-5 isotridecanol, ethoxylated
Acute inhalation toxicity	Acute inhalation toxicity (vapour) ATE 0.5 mg/L		CAS No.2682-20-4 2- methyl-2H-isothiazol-3-one
Acute inhalation toxicity	Acute inhalation toxicity (aerosol) ATE 0.05 mg/L		CAS No.2682-20-4 2- methyl-2H-isothiazol-3-one

Assessment/classification

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

Skin corrosion/irritation

Animal data

Result / evaluation	Method	Source, Remark
		Frequent or prolonged skin contact may degrease and dry out the skin.

Assessment/classification

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

Eye damage/irritation

Animal data

Result / evaluation	Method	Source, Remark
Specific Concentration Limit (SCL) Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %		CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt

Assessment/classification

Causes serious eye irritation.

Sensitisation to the respiratory tract

Assessment/classification

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

Skin sensitisation

Animal data

Result / evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.			

Assessment/classification

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

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-repeated exposure

Assessment/classification

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

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Aspiration hazard**Experimental data**

	Value	Method	Source, Remark
Viscosity	dynamic 300- 500 mPa*s (20°C)		

Assessment/classification

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

Additional information

Has a degreasing effect on the skin.

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
Acute (short-term) toxicity to crustacea	EC50 1- 10 mg/L Daphnia magna (Big water flea)		CAS No.69011-36-5 isotridecanol, ethoxylated
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

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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
Biodegradation	Degradation rate (%): > 70	OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A	CAS No.69011-36-5 isotridecanol, ethoxylated 28 d Easily biodegradable
Biodegradation	Degradation rate (%): > 60	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	CAS No.69011-36-5 isotridecanol, ethoxylated 28 d Easily biodegradable

Assessment/classification

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential

	Value	Method	Source, Remark
Partition coefficient: n-octanol/water	2.4		CAS No.69011-36-5 isotridecanol, ethoxylated

Assessment/classification

No indication of bioaccumulation potential.

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**

	Value	Method	Source, Remark
Chemical oxygen demand (COD)	253 mg/L		

Additional information

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

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



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Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Non-contaminated packages may be recycled.

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)
14.1 UN number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	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

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-Wert: 0 %

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.

15.2 Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

alcohols, C12-14, ethoxylated, sulphates, sodium salts (CAS: 68891-38-3)

2-methyl-2H-isothiazol-3-one (CAS: 2682-20-4)

1,2-benzisothiazol-3(2H)-one (CAS: 2634-33-5)

SECTION 16: Other information

Indication of changes

Current safety data sheets are available at:

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



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Abbreviations and acronyms

See overview table at www.euphrac.eu

Key literature references and sources for data

Safety data sheets of suppliers

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified according to the available hazard data for the constituents as defined in the classification criteria for mixtures for each hazard class in Appendix I of Regulation (EC) No 1272/2008.

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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.