

A 000 986 17 00 Matt paintwork quick finish

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 The safety data sheet is no longer being updated.

Revision date 16.07.2020

Version 15

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

1.1 Product identifier

Trade name/designation Matt paintwork quick finish

Partno A 000 986 17 00

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

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Automotive care products

1.3 Details of the supplier of the safety data sheet

Supplier

Mercedes-Benz AG 70546 Stuttgart Germany +49 (0)711 17-0 Telefon + 49 (0)711 17-97390 Telefax + 49 (0)711 17-94831

E-Mail (fachkundige Person) mercedes-benz-sdb@mercedes-benz.com

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

Giftnotruf der Charité – Universitätsmedizin Berlin +49 (0)30 30686700

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Remark

This mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

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

Precautionary statements

P102 Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

Other labelling

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



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2.3 Other hazards

Other adverse effects

Special danger of slipping by leaking/spilling product.

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]
64-19-7	200-580-7	Acetic acid %	1 < 5 %	Flam. Liq. 3 H226 Skin Corr. 1A H314

REACH No. Substance name 01-2119475328-30 Acetic acid ... %

Remark

Further constituents: Synth. polymers De-ionized water

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air.

Following skin contact

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

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.

Seek medical advice immediately.

Rinse mouth thoroughly with water.

Let water be drunken 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).



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

All extinguishing agents are suitable. Match extinguishing agent to the surroundings.

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

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Special danger of slipping by leaking/spilling product.

For emergency responders

Provide adequate ventilation.

Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Dilute with a lot of water

6.3 Methods and material for containment and cleaning up

For containment

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust). After taking up the material dispose according to regulation.

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

Take the usual precautions when handling with chemicals. No special fire protection measures are necessary.

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.

After cleaning apply high-fat content skin care cream.



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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

Materials to avoid

Do not store together with:

Oxidising agent

Further information on storage conditions

Protect against:

Frost

Storage temperature between 0°C to 30°C (=32°F to 86°F).

7.3 Specific end use(s)

Recommendation

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CAS No.	EC No.	Substance name	occupational exposure limit value
64-19-7	200-580-7	Acetic acid	10 [ml/m3(ppm)] 25 [mg/m3] 91/322/EEC
64-19-7		Acetic acid	10 [ml/m3(ppm)] 25 [mg/m3] Short-term(ml/m3) 15 (1) Short-term(mg/m3) 37 (1) (IE)
64-19-7		Acetic acid	10 [ml/m3(ppm)] 25 [mg/m3] Short-term(ml/m3) 20 (1) Short-term(mg/m3) 50 (1) (UK)

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

Body protection:

Protective clothing

Respiratory protection

Not required



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

light green opaque

Odour

product-specific

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
рН	in delivery state 2.5- 3 (20°C)		
Melting point/freezing point	not determined		
Initial boiling point and boiling range	100 °C		
Flash point			not applicable
Evaporation rate	not determined		
flammability	not determined		
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 g/cm³ (20°C)		
Solubility(ies)	Water solubility (g/L)		completely miscible
Partition coefficient: n-octanol/water	-0.17		Glacial acetic acid
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
Viscosity	not determined		
Explosive properties:			The product is not explosive
Oxidising properties			Non-oxidizing
Other information			
Further safety characteristics			
	Value	Method	Source, Remark
Solvent content (%)	0 %		

9.2

Other safety information

none



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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

There is no information available.

10.5 Incompatible materials

None if used as intended.

10.6 Hazardous decomposition products

No decomposition products will result from proper storage and handling.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Animal data

	Effective dose	Method	Source, Remark
Acute oral toxicity	LD50: 3310 mg/kg Ra	at	CAS No.64-19-7 Acetic acid % ECHA
Acute dermal toxicity	not determined		
Acute inhalation toxicity	Acute inhalation toxici (vapour) LC50: > 16000 ppm R Exposure time 4 h		CAS No.64-19-7 Acetic acid % ECHA

Assessment/classification

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

Skin corrosion/irritation

Animal data

Result / evaluation	Method	Source, Remark
Specific Concentration Limit (SCL) Skin Corr. 1A; H314: $C \ge 90 \%$ Specific Concentration Limit (SCL) Skin Corr. 1B; H314: $25 \% \le C < 90 \%$ Specific Concentration Limit (SCL) Skin Irrit. 2; H315: $10 \% \le C < 25 \%$		CAS No.64-19-7 Acetic acid %

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 Irrit. 2; H319: 10 % ≤ C < 25 %		CAS No.64-19-7 Acetic acid %



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Assessment/classification

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

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.

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.

Overall Assessment on CMR properties

This product does not meet the criteria for classification in Categories 1A/1B.

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.

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

Assessment/classification

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

Additional information

Has a degreasing effect on the skin.



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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	EC50 65 mg/L Daphnia magna (Big water flea) Test durarion 48 h		CAS No.64-19-7 Acetic acid %
Chronic (long-term) toxicity to crustacea	not determined		
Acute (short-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

Assessment/classification

The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

	Value	Method	Source, Remark	
Partition coefficient: n- octanol/water	-0.17		Glacial acetic acid	-

Assessment/classification

Bioaccumulation is not expected.

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

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
Wests and a made since	Westerness
Waste code packaging	g Waste name



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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-value 2 Wt %

Water hazard class (WGK)

slightly hazardous to water (WGK 1)

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

Substance safety analysis was not performed for this mixture.

SECTION 16: Other information

Indication of changes

* Data changed compared with the previous version Current safety data sheets are available at: http://gms.aftersales.daimler.com

Abbreviations and acronyms

See overview table at www.euphrac.eu



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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)

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.



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

1.1 Product identifier

Trade name/designation Matt paintwork long-term sealer

Partno A 000 986 04 72

GEDIS-No 0037

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 AG 70546 Stuttgart Germany +49 (0)711 17-0 Telefon + 49 (0)711 17-97390 Telefax + 49 (0)711 17-94831

E-Mail (fachkundige Person) mercedes-benz-sdb@mercedes-benz.com

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

Giftnotruf der Charité - Universitätsmedizin Berlin +49 (0)30 30686700

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Remark

This mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

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

product identifiers

Trade name/designation Matt paintwork long-term sealer

Precautionary statements

P102 Keep out of reach of children.

P261 Avoid breathing vapours.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.



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2.3 Other hazards

Adverse physicochemical effects

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

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]	
	918-481-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons	75 - 80 %	Asp. Tox. 1 H304	
1174522-19- 0	919-029-3	Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten	1 < 5 %	Asp. Tox. 1 H304	
102782-92-3	600-354-1	Poly[3-((2-aminoethyl)amino)propyl]methyl(dimethyl)silo xan, methoxyterminiert	< 1 %	Skin Irrit. 2 H315 Eye Dam. 1 H318	
REACH No.		Substance name			
01-21194572	73-39	Hydrocarbons, C10-C13, n-alkanes, isoalkanes	s, cyclic, <2% aromat	tic hydrocarbons	
01-21194577	35-29	Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten			
Remark Further constituents: Waxes Synth. polymers Paraffinum liquidum					

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air.

Following skin contact

Wash immediately with:

Water

Remove contaminated, saturated clothing immediately.

Do not let product dry on skin.

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. Call a physician immediately. If swallowed, immediately drink:

Rinse mouth thoroughly with water.



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4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Headache

Sweating

Nausea

Drowsiness

Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.
Administer activated charcoal

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam Extinguishing powder Carbon dioxide (CO2) Water mist

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Fire gas of organic material has to be classed invariably as respiratory poison. Hydrocarbons

5.3 Advice for firefighters

Special protective equipment for firefighters:

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

Additional information

Cool endangered containers with water spray and possibly remove them from fire site.

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

For non-emergency personnel

Provide adequate ventilation. Keep away unprotected persons Remove all sources of ignition.

For emergency responders

Personal protection equipment Keep away unprotected persons Remove all sources of ignition.

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.

Other information

Vapours are heavier than air and will spread at floor level.



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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:

generation/formation of aerosols

Provide room air exhaust at ground level.

Vapours are heavier than air.

Take precautionary measures against static discharges.

Do not inhale vapours.

Avoid:

Eye contact

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.

Use protective skin cream before handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage class

10 Combustible liquids that cannot be assigned to any of the above storage classes

Materials to avoid

Do not store together with:

Oxidising agent

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Do not keep at temperatures above 30°C.

7.3 Specific end use(s)

Recommendation

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Technical measures to prevent exposure

Sufficient ventilation and exhaustion.

Personal protection equipment

Eye/face protection

Safety glasses recommended during transfer DIN EN 166



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Hand protection

Glove materials data [type, thickness, breakthrough time/duration of use, permeation rate]: Nitrile rubber (protection index 6, >480 min, 0.4 mm)

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.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and, the resultant standard EN374.

Unsuitable material:

Butyl caoutchouc (butyl rubber) NR (natural rubber, natural latex)

CR (polychloroprene, chloroprene rubber)

Body protection:

Protective clothing

Respiratory protection

Respiratory protection necessary at:

insufficient exhaust prolonged exposure

Suitable respiratory protection apparatus:

Filtering device (full mask or mouthpiece) with filter:

Α

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

dark beige cloudy

Odour

product-specific

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
рН	in delivery state		not applicable
Melting point/freezing point	not determined		
Initial boiling point and boiling range	185- 200 °C		
Flash point	66 °C	TCC	
Evaporation rate	not determined		
flammability	not determined		
Upper/lower flammability or explosive limits	Upper explosion limit 7 Vol-%		
Upper/lower flammability or explosive limits	Lower explosion limit 0.7 Vol-%		
Vapour pressure	0.8 hPa (20°C)		
Vapour density	not determined		
Density	0.8 (20°C)		
Solubility(ies)	Water solubility (g/L)		practically insoluble
Partition coefficient: n-octanol/water	not determined		



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	Value	Method	Source, Remark
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
Viscosity	kinematic > 20.5 mm ² /s (40°C)		
Explosive properties:			In use, may form flammable/explosive vapour-air mixture.
Oxidising properties			Non-oxidizing
Other information			
Further safety characteristics			
	Value	Method	Source, Remark
Solvent content (%)	> 80 %		

Other safety information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions with proper storage and handling.

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.

Explosive/highly flammable mixtures may form due to insufficient ventilation and/or due to use.

10.4 Conditions to avoid

Flames, sparks, heat

10.5 Incompatible materials

Oxidising agent, strong

10.6 Hazardous decomposition products

Pyrolysis products, toxic

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	LD50: > 5000 mg/kg Rat		Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
Acute oral toxicity	LD50: > 5000 mg/kg Rat	OECD 401	CAS No.1174522-19-0 Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten



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	Effective dose	Method	Source, Remark
Acute dermal toxicity	LD50: 5000 mg/kg Rabbit		Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
Acute dermal toxicity	LD50: > 3160 mg/kg Rabbit	OECD 402	CAS No.1174522-19-0 Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten
Acute inhalation toxicity	Acute inhalation toxicity (vapour) LC50: 5266 mg/L Rat Exposure time 4 h	OECD 403	CAS No.1174522-19-0 Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten

Assessment/classification

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

Skin corrosion/irritation

Practical experience/human evidence

Has a defatting effect on skin. May cause drying and irritation of the skin.

Assessment/classification

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

Eye damage/irritation

Assessment/classification

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

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.

Overall Assessment on CMR properties

This product does not meet the criteria for classification in Categories 1A/1B.

STOT-single exposure

STOT SE 1 and 2

Assessment/classification

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



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STOT SE 3

Irritation to respiratory tract

Assessment/classification

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

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	kinematic > 20.5 mm ² /s (40°C)		

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	LL50 > 1000 mg/L Oncorhynchus mykiss (Rainbow trout) Test durarion 96 h	OECD 203	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
			REACH registration dossier
Acute (short-term) fish toxicity	LC50: > 1000 mg/L Test durarion 96 h		CAS No.1174522-19-0 Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten
Chronic (long-term) fish toxicity	NOELR 0.101 mg/L Test durarion 28 d	QSAR modeled data	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
			REACH registration dossier
Acute (short-term) toxicity to crustacea	EL50 > 1000 mg/L Daphnia magna (Big water flea) Test durarion 48 h	OECD 202	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
			REACH registration dossier
Acute (short-term) toxicity to crustacea	EC50 > 3000 mg/L Test durarion 48 h		CAS No.1174522-19-0 Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten



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	Effective dose	Method	Source, Remark
Chronic (long-term) toxicity to crustacea	NOELR 0.176 mg/L Test durarion 21 d	QSAR modeled data	Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
			REACH registration dossier
cute (short-term) toxicity to quatic algae and cyanobacteria	EL50 > 1000 mg/L Pseudokirchneriella subcapitata (green alga) Test durarion 72 h	OECD 201	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
	rest duramon / 2 m		REACH registration dossier
Acute (short-term) toxicity to aquatic algae and cyanobacteria	NOELR 1000 mg/L Pseudokirchneriella subcapitata (green alga) Test durarion 72 h	OECD 201	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
	rest duration / 2 ii		REACH registration dossier
Acute (short-term) toxicity to quatic algae and cyanobacteria	EC50 > 3000 mg/L Test durarion 48 h		CAS No.1174522-19-0 Kohlenwasserstoffe C16-20, n-Alkane, Isoalkane, Cycloaliphaten, <2% Aromaten
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	EL50 > 1000 mg/L Test durarion 48 h	QSAR modeled data	Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons
			REACH registration dossier

Assessment/classification

The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 Persistence and degradability

	Value	Method	Source, Remark
Biodegradation	Degradation rate (%): 80		Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclic, <2% aromatic hydrocarbons 28 d Easily biodegradable

Assessment/classification

Not easily biodegradable.

12.3 Bioaccumulative potential

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

Additional information

Do not allow uncontrolled discharge of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to EWC/AVV

Waste code product Waste name

140603 * other solvents and solvent mixtures

Waste code packaging Waste name

150102 plastic packaging

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).

guideline). VOC Gehalt, Lieferzustand: 80 %

Water hazard class (WGK)

slightly hazardous to water (WGK 1)

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

Substance safety analysis was not performed for this mixture.



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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

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)

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.



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

1.1 Product identifier

Trade name/designation Mattlack Shampoo
Partno A 002 986 43 71 09

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 AG 70546 Stuttgart Germany +49 (0)711 17-0 Telefon + 49 (0)711 17-97390 Telefax + 49 (0)711 17-94831 E-Mail (fachkundige Person) mercedes-benz-sdb@mercedes-benz.com

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

Giftnotruf der Charité - Universitätsmedizin Berlin +49 (0)30 30686700

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

5 - < 15% anionische Tenside

< 5% phosphonates

< 5% non-ionic surfactants

perfumes

Konservierungsmittel (PHENOXYETHANOL, LAURYLAMINE DIPROPYLENEDIAMINE, BUTYL BENZISOTHIAZOLINONE)

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
122-99-6	204-589-7	2-phenoxyethanol	< 1 %	Acute Tox. 4 H302 Eye Irrit. 2 H319
2372-82-9	219-145-8	bis(3-aminopropyl)(dodecyl)amine	< 0.1 %	Acute Tox. 3 H301 Skin Corr. 1B H314 STOT RE 2 H373 Aquatic Acute 1 H400 M=10 Aquatic Chronic 1 H410
4299-07-4	420-590-7	2-n-butyl-benzo[d]isothiazol-3-one	< 0.1 %	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410



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REACH No.	Substance name
01-2119488639-16	alcohols, C12-14, ethoxylated, sulphate, sodium salt
01-2119488943-21	2-phenoxyethanol
01-2119980592-29	
	bis(3-aminopropyl)(dodecyl)amine
01-0000016721-74	2-n-butyl-benzo[d]isothiazol-3-one

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

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.

Let water be drunken 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.

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.



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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.

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.

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)



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DNEL Consu	ımer			
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 plan (STP)	t
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	g sediment, marine wate	r

8.2 Exposure controls

Personal protection equipment

Eye/face protection

safety goggles DIN EN 166

Hand protection

Hand protection is not required

Respiratory protection

Not required

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 clear

Odour

fruity

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		



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	Value	Method	Source, Remark
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	Lower explosion limit	
Vapour pressure	23 hPa (20°C)		
Vapour density	not determined		
Density	1.04 g/cm ³ (20°C)		
Solubility(ies)	Water solubility (g/L) $(20^{\circ}C)$		completely miscible
Partition coefficient: n-octanol/water	1.16		CAS No.122-99-6 2- phenoxyethanol
Auto-ignition temperature			The product is not selfigniting.
Decomposition temperature	not determined		
Viscosity	dynamic 300- 500 mPa*s (20°C)		
Explosive properties:			The product is not explosive
Oxidising properties			Non-oxidizing
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.



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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: 1850 mg/kg Rat		CAS No.122-99-6 2- phenoxyethanol
Acute oral toxicity	ATE 100 mg/kg		CAS No.2372-82-9 bis(3- aminopropyl)(dodecyl)amine
Acute dermal toxicity	> 5000 mg/kg Rat	OECD 402	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute dermal toxicity	LD50: > 2000 mg/kg Rabbit		CAS No.122-99-6 2- phenoxyethanol
Acute inhalation toxicity	not determined		

Assessment/classification

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

Skin corrosion/irritation

Practical experience/human evidence

Has a defatting effect on skin. May cause drying and irritation of 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: $C \ge 10\%$ Eye Irrit. 2; H319: $5\% \le C < 10\%$ Source, Remark

CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt

Assessment/classification

Causes serious eye irritation.



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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.

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	dynamic 300- 500 mPa*s (20°C)		

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 durarion 96 h	OECD 203	CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute (short-term) fish toxicity	LC50: 220- 460 mg/L Leuciscus idus (golden orfe) Test durarion 96 h		CAS No.122-99-6 2- phenoxyethanol



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	Effective dose	Method	Source, Remark
Chronic (long-term) fish toxicity	NOEC 39.1 mg/L Oncorhynchus mykiss (Rainbow trout) Test durarion 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 durarion 48 h		CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute (short-term) toxicity to crustacea	EC50 > 500 mg/L Daphnia magna (Big water flea) Test durarion 48 h		CAS No.122-99-6 2- phenoxyethanol
Chronic (long-term) toxicity to crustacea	NOEC 0.27 mg/L Daphnia magna (Big water flea) Test durarion 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 durarion 96 h		CAS No.68891-38-3 alcohols, C12-14, ethoxylated, sulphate, sodium salt
Acute (short-term) toxicity to aquatic algae and cyanobacteria	ErC50 > 500 mg/L Scenedesmus sp. Test durarion 72 h		CAS No.122-99-6 2- phenoxyethanol
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

Assessment/classification

The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

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

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-	1.16		CAS No.122-99-6 2-
octanol/water			phenoxyethanol

Assessment/classification

No indication of bioaccumulation potential.



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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 ovxgen 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	g Waste name
150102	plastic packaging

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.



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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

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

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)

H301	Toxic if swallowed.
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.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
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.



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

1.1 Product identifier

Trade name/designation Mattlack IntensivReiniger
Partno A 002 986 44 71 09

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 AG 70546 Stuttgart Germany +49 (0)711 17-0 Telefon + 49 (0)711 17-97390 Telefax + 49 (0)711 17-94831 E-Mail (fachkundige Person) mercede

E-Mail (fachkundige Person) mercedes-benz-sdb@mercedes-benz.com

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

Giftnotruf der Charité - Universitätsmedizin Berlin +49 (0)30 30686700

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Remark

This mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

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

product identifiers

Trade name/designation Mattlack IntensivReiniger

Precautionary statements

P102 Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.



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Other labelling

- < 5% phosphates
- < 5% phosphonates
- < 5% cationic surfactants
- < 5% amphoteric surfactants
- < 5% non-ionic surfactants

Konservierungsmittel (PHENOXYETHANOL, LAURYLAMINE DIPROPYLENEDIAMINE, BUTYL BENZISOTHIAZOLINONE)

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

11	!!! a 4 a
Hazardous	ingredients

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]
7320-34-5	230-785-7	tetrapotassium pyrophosphate	1 < 5 %	Eye Irrit. 2 H319
122-99-6	204-589-7	2-phenoxyethanol	< 1 %	Acute Tox. 4 H302 Eye Irrit. 2 H319
2372-82-9	219-145-8	bis(3-aminopropyl)(dodecyl)amine	< 0.1 %	Acute Tox. 3 H301 Skin Corr. 1B H314 STOT RE 2 H373 Aquatic Acute 1 H400 M=10 Aquatic Chronic 1 H410
4299-07-4	420-590-7	2-n-butyl-benzo[d]isothiazol-3-one	< 0.1 %	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
REACH No.		Substance name		
01-2119489	369-18	tetrapotassium pyrophosphate		
01-2119488	943-21	2-phenoxyethanol		
01-2119980	592-29	bis(3-aminopropyl)(dodecyl)amine		
01-0000016	721-74	2-n-butyl-benzo[d]isothiazol-3-one		

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately. Never put product impregnated rags into clothing pockets

Following inhalation

Provide fresh air.

Following skin contact

Wash with plenty of water.



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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. Seek medical advice immediately. Rinse mouth thoroughly with water. Let water be drunken 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

No data available

5.3 Advice for firefighters

Special protective equipment for firefighters:

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

Additional information

The product itself does not burn.

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid contact with eyes.

For emergency responders

Personal protection equipment

6.2 Environmental precautions

Dilute with a lot of water

6.3 Methods and material for containment and cleaning up

For containment

Cleanup with fluid-absorbent material (such as sand, kieselguhr and universal binder). After taking up the material dispose according to regulation.

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



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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Avoid:

Eye contact

generation/formation of aerosols

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.

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

7.3 Specific end use(s)

Recommendation

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

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

Body protection:

Protective clothing

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

colourless

clear

Odour

product-specific

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		



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	Value	Method	Source, Remark
рН	in delivery state 8.8- 9 (20°C)		
Melting point/freezing point	not determined		
Initial boiling point and boiling range	102 °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	1.02 g/cm³ (20°C)		
Solubility(ies)	Water solubility (g/L)		completely miscible
Partition coefficient: n- octanol/water	1.16		CAS No.122-99-6 2- phenoxyethanol
Auto-ignition temperature			The product is not selfigniting.
Decomposition temperature			not applicable
Viscosity	not determined		
Explosive properties:			The product is not explosive
Oxidising properties			Non-oxidizing
ther information			
Further safety characteristics			
	Value	Method	Source, Remark

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.



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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	LD50: 1850 mg/kg Ra	at	CAS No.122-99-6 2- phenoxyethanol
Acute oral toxicity	ATE 100 mg/kg		CAS No.2372-82-9 bis(3- aminopropyl)(dodecyl)amine
Acute dermal toxicity	LD50: > 2000 mg/kg Rabbit		CAS No.122-99-6 2- phenoxyethanol
Acute inhalation toxicity	not determined		

Assessment/classification

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

Skin corrosion/irritation

Practical experience/human evidence

Has a defatting effect on skin. May cause drying and irritation of the skin.

Assessment/classification

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

Eye damage/irritation

Assessment/classification

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

Sensitisation to the respiratory tract

Assessment/classification

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

Skin sensitisation

Animal data

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.



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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.

Overall Assessment on CMR properties

This product does not meet the criteria for classification in Categories 1A/1B.

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.

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

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: 220- 460 mg/L Leuciscus idus (golden orfe) Test durarion 96 h		CAS No.122-99-6 2- phenoxyethanol
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	EC50 > 500 mg/L Daphnia magna (Big water flea) Test durarion 48 h		CAS No.122-99-6 2- phenoxyethanol
Chronic (long-term) toxicity to crustacea	not determined		
Acute (short-term) toxicity to aquatic algae and cyanobacteria	ErC50 > 500 mg/L Scenedesmus sp. Test durarion 72 h		CAS No.122-99-6 2- phenoxyethanol
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

Assessment/classification

The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.



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12.2 Persistence and degradability

Assessment/classification

The surfactants contained in this preparation comply 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	1.16		CAS No.122-99-6 2- phenoxyethanol

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 ovxgen demand (COD)	82 mg/g			

Additional information

Do not allow uncontrolled discharge of product into the environment.

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	g Waste name
150102	plastic packaging

Appropriate disposal / Product

In accordance with regulations for special waste, must be taken after pretreatment to an authorised special waste disposal site or incineration plant.

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)	-	-	-



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	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA- DGR)
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 Gehalt, Lieferzustand: 0 Wt %

Water hazard class (WGK)

slightly hazardous to water (WGK 1)

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

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

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)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.



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H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.