



A 001 986 25 71 11 Textile upholstery cleaner

Print date 19.03.2020

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Version 3

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

1.1 Product identifier

Trade name/designation Textile upholstery cleaner

Partno A 001 986 25 71 11

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. +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 [CLP]

Classification procedure

Skin Sens. 1A, H317

hazard statements for health hazards

H317 May cause an allergic skin reaction.

2.2 Label elements

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

product identifiers

Trade name/designation Textile upholstery cleaner

Hazard components for labelling

2-methyl-2H-isothiazol-3-one

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Hazard pictograms

GHS07

Signal word

Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves.

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

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

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

Other labelling

< 5% anionic surfactants

Preservatives (2-bromo-2-nitropropane-1,3-diol, benzisothiazolinone, methylisothiazolinone, methylchloroisothiazolinone)

2.3 Other hazards**Adverse environmental effects**

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

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]
	939-637-2	Butanedioic acid, sulfo-, C-(2-coco-amido-ethyl) ester, disodium salt	1 - 2.5 %	Skin Irrit. 2 H315 Eye Irrit. 2 H319
111-76-2	203-905-0	2-butoxyethanol	1 - 2.5 %	Acute Tox. 4 H332 Acute Tox. 4 H312 Acute Tox. 4 H302 Eye Irrit. 2 H319 Skin Irrit. 2 H315
2682-20-4	220-239-6	2-methyl-2H-isothiazol-3-one	> 0.0015 < 0.01 %	Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 2 H330 Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1A H317 Aquatic Acute 1 H400 M=10 Aquatic Chronic 1 H410 M=1

REACH No.	Substance name
01-2119979095-26	Butanedioic acid, sulfo-, C-(2-coco-amido-ethyl) ester, disodium salt



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REACH No.	Substance name
01-2119475108-36	2-butoxyethanol
01-2120764690-50	2-methyl-2H-isothiazol-3-one

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air.

In the event of symptoms refer for medical treatment.

Following skin contact

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

In case of skin irritation, consult a physician.

After eye contact

Remove contact lens

Rinse eyes with wide open eyelids for a couple of minutes under running water.

In case of eye irritation consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

Call a physician immediately.

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam

Carbon dioxide (CO₂)

Extinguishing powder

Water spray jet

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.

For emergency responders

Personal protection equipment

6.2 Environmental precautions

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

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

Dilute with plenty of water.

Other information

Hazardous substances are not released

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 technical protective measures are necessary.

Adhere to general precaution rules when handling chemicals

Avoid contact with the eyes and skin.

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

Keep container tightly closed.

Storage class

LGK12 non-combustible liquids that cannot be assigned to any of the above storage classes

Materials to avoid

Keep away from food, drink and animal feed.

Further information on storage conditions

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

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
111-76-2	203-905-0	2-Butoxyethanol	20 [ml/m3(ppm)] 98 [mg/m3] Short-term(ml/m3) 50 Short-term(mg/m3) 246 H: skin resorptive 2000/39/EC

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CAS No.	EC No.	Substance name	occupational exposure limit value
111-76-2		2-Butoxyethanol	20 [ml/m3(ppm)] 98 [mg/m3] Short-term(ml/m3) 50 (1) Short-term(mg/m3) 246 (1) (IE)
111-76-2		2-Butoxyethanol	25 [ml/m3(ppm)] 123 [mg/m3] Short-term(ml/m3) 50 Short-term(mg/m3) 246 (UK)

biological limit values

CAS No.	Substance name	Limit value	parameter/Test material/Sample time	Source, Remark
111-76-2	2-butoxyethanol	150 mg/g Kreatinin	Butoxyessigsäure (nach Hydrolyse)/ Urine (U)/ Expositionsende bzw. Schichtende, bei Langzeitexposition: nach mehreren vorangegangenen Schichten	BLV (DE) TRGS 903

DNEL worker

CAS No.	Substance name	DNEL value	DNEL type	Remark
111-76-2	2-butoxyethanol	89 mg/kg bw/day	acute dermal, short-term (systemic)	
111-76-2	2-butoxyethanol	663 mg/m ³	acute inhalative (systemic)	
111-76-2	2-butoxyethanol	246 mg/m ³	acute inhalative (local)	
111-76-2	2-butoxyethanol	75 mg/kg bw/day	long-term dermal (systemic)	
111-76-2	2-butoxyethanol	98 mg/m ³	acute inhalative (systemic)	

DNEL Consumer

CAS No.	Substance name	DNEL value	DNEL type	Remark
111-76-2	2-butoxyethanol	44.5 mg/kg bw/day	acute dermal, short-term (systemic)	
111-76-2	2-butoxyethanol	426 mg/m ³	acute inhalative (systemic)	
111-76-2	2-butoxyethanol	13.4 mg/kg bw/day	short-term oral (acute)	
111-76-2	2-butoxyethanol	123 mg/m ³	acute inhalative (local)	
111-76-2	2-butoxyethanol	38 mg/kg bw/day	acute dermal, short-term (systemic)	
111-76-2	2-butoxyethanol	49 mg/m ³	long-term inhalative (systemic)	
111-76-2	2-butoxyethanol	3.2 mg/kg bw/day	short-term oral (acute)	

PNEC

CAS No.	Substance name	PNEC Value	PNEC type	Remark
111-76-2	2-butoxyethanol	8.8 mg/L	aquatic, freshwater	
111-76-2	2-butoxyethanol	0.88 mg/L	aquatic, marine water	
111-76-2	2-butoxyethanol	34.6 mg/kg	sediment, freshwater	
111-76-2	2-butoxyethanol	2.8 mg/kg	soil, freshwater	
111-76-2	2-butoxyethanol	463 mg/L	sewage treatment plant (STP)	



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CAS No.	Substance name	PNEC Value	PNEC type	Remark
111-76-2	2-butoxyethanol	3.46 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

Glove material specification [make/type, thickness, permeation time/service life, wetting resistance]: PVC or PE, ≥ 1 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.

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

light yellow

Odour

product-specific

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
pH	in delivery state 9.6 (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	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 g/cm ³ (20°C)		
Solubility(ies)	Water solubility (g/L)		completely miscible



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	Value	Method	Source, Remark
Partition coefficient: n-octanol/water	0.81		CAS No.111-76-2 2-butoxyethanol
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature	not determined		
Viscosity	not determined		
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 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.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Animal data

	Effective dose	Method	Source, Remark
Acute oral toxicity	LD50: 120 mg/kg Rat		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Acute oral toxicity	LD50: 1300 mg/kg Rat	OECD 401	CAS No.111-76-2 2-butoxyethanol
Acute dermal toxicity	LD50: 242 mg/kg Rat	OECD 402	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Acute dermal toxicity	LD50: > 2000 mg/kg Guinea pig		CAS No.111-76-2 2-butoxyethanol
Acute inhalation toxicity	Acute inhalation toxicity (dust/mist) LC50: 0.11 mg/L Rat Exposure time 4 h	OECD 403	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one Corrosive to the airways.

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	Effective dose	Method	Source, Remark
Acute inhalation toxicity	Acute inhalation toxicity (gas) LC0: > 3.1 mg/L Meerschweinchen Exposure time 1 h	OECD 403	CAS No.111-76-2 2-butoxyethanol
Acute inhalation toxicity	LC50: > 3.9 mg/L Rat Exposure time 4 h		CAS No.111-76-2 2-butoxyethanol

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 Irrit. 2; H315: C > 20 %	OECD 431	CAS No. Butanedioic acid, sulfo-, C-(2-coco-amido-ethyl) ester, disodium salt
corrosive Exposure time 1 h		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one

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: C > 20 %	OECD 437	CAS No. Butanedioic acid, sulfo-, C-(2-coco-amido-ethyl) ester, disodium salt
Irreversible damage to the eyes.		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one

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**

Result / evaluation	Dose / Concentration	Method	Source, Remark
	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one		Specific Concentration Limit (SCL) Skin Sens. 1A; H317: >= 0,0015%

Assessment/classification

May cause an allergic skin reaction.

Germ cell mutagenicity

	Value	Method	Result / evaluation	Remark
In vitro mutagenicity/genotoxicity	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one	Chromosomal aberrations mammalian cells	negative.	

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	Value	Method	Result / evaluation	Remark
In vivo mutagenicity/genotoxicity	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one Rat	OECD 486	negative.	

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**Animal data**

	Value	Method	Result / evaluation	Remark
Adverse effects on sexual function and fertility	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one Rat	OECD 416	negative.	
Adverse effects on developmental toxicity	CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one Rat	OECD 414	negative.	

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**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: 4.77- 6 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 96 h		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one



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	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	LC50: 1464 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 96 h	OECD 203	CAS No.111-76-2 2-butoxyethanol
Chronic (long-term) fish toxicity	NOEC 2.1 mg/L Pimephales promelas (fathead minnow) Test duration 33 h		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Acute (short-term) toxicity to crustacea	EC50 0.93- 1.9 mg/L Daphnia magna (Big water flea) Test duration 48 h		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Acute (short-term) toxicity to crustacea	EC50 1550 mg/L Daphnia magna (Big water flea) Test duration 48 h	OECD 202	CAS No.111-76-2 2-butoxyethanol
Chronic (long-term) toxicity to crustacea	NOEC 0.04 mg/L Daphnia magna (Big water flea) Test duration 21 d		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Chronic (long-term) toxicity to crustacea	NOEC 100 mg/L Daphnia magna (Big water flea) Test duration 21 d		CAS No.111-76-2 2-butoxyethanol
Acute (short-term) toxicity to aquatic algae and cyanobacteria	ErC 50 0.0695 mg/L Skeletonema costatum Test duration 24 h		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Acute (short-term) toxicity to aquatic algae and cyanobacteria	EC10 0.024 mg/L Pseudokirchneriella subcapitata (green alga) Test duration 24 h		CAS No.2682-20-4 2-methyl-2H-isothiazol-3-one
Acute (short-term) toxicity to aquatic algae and cyanobacteria	EbC50: 911 mg/L Pseudokirchneriella subcapitata (green alga) Test duration 72 h	OECD 201	CAS No.111-76-2 2-butoxyethanol
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

12.2 Persistence and degradability

	Value	Method	Source, Remark
Biodegradation	Degradation rate (%): 90.4	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	CAS No.111-76-2 2-butoxyethanol 28 d Easily biodegradable

12.3 Bioaccumulative potential

	Value	Method	Source, Remark
Bioconcentration factor (BCF)	Bioconcentration factor (BCF) 3.2		CAS No.111-76-2 2-butoxyethanol
Partition coefficient: n-octanol/water	0.81		CAS No.111-76-2 2-butoxyethanol



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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

Additional information

Do not allow uncontrolled discharge of product into the environment.

Product is not allowed to be discharged into aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

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)
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

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.

Observe employment restrictions for young people.

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>

* Data changed compared with the previous version

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.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
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.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.