



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

1.1 Product identifier

Trade name/designation SicherheitsReiniger

Partno A 000 986 56 01

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
Telephone +49 (0)711 17-0

1.4 Emergency telephone number

+49 (0)711 17-0

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Classification procedure

Aerosol 2, H223 H229

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H336

Aquatic Chronic 3, H412

hazard statements for physical hazards

H223 Flammable aerosol.

H229 Pressurised container: May burst if heated.

hazard statements for health hazards

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.



hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

product identifiers

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Hazard components for labelling

propan-2-ol, Kohlenwasserstoffe, C7-C9, Isoalkane, acetone, hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard pictograms



GHS02



GHS07

Signal word

Warning

Hazard statements

H223 Flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P314 Get medical advice/attention if you feel unwell.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Other labelling

15 % or over but less than 30 % aliphatic hydrocarbons

2.3 Other hazards

Adverse physicochemical effects

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Standard phrases for special risks to human beings and the environment

In use, may form flammable/explosive vapour-air mixture.

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]
67-63-0	200-661-7	propan-2-ol	25 < 50 %	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336
64741-66-8	921-728-3	Kohlenwasserstoffe, C7-C9, Isoalkane	20 < 25 %	Flam. Liq. 2 H225 Skin Irrit. 2 H315 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 2 H411
67-64-1	200-662-2	acetone	20 < 25 %	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336
	927-241-2	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	3 < 5 %	Flam. Liq. 3 H226 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 3 H412
124-38-9	204-696-9	carbon dioxide	3 < 5 %	Press. Gas
REACH No.	Substance name			
01-2119457558-25	propan-2-ol			
01-2119471305-42	Kohlenwasserstoffe, C7-C9, Isoalkane			
01-2119471330-49	acetone			
01-2119471843-32	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Never put product impregnated rags into clothing pockets

Following inhalation

Provide fresh air.

In the event of symptoms refer for medical treatment.

Following skin contact

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

In case of skin irritation, consult a physician.

After eye contact

Remove contact lens

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.



4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Headache
Dizziness
Fatigue
Nausea
Skin irritation

Effects

Swallowing with subsequent vomiting may lead to risk of lung damage from aspiration and subsequent formation of toxic pulmonary oedema.

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

Foam
Water mist
Extinguishing powder
Carbon dioxide (CO₂)

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.
In case of fire formation of dangerous gases possible.
Carbon monoxide
Carbon dioxide (CO₂)
Aldehydes

5.3 Advice for firefighters

Special protective equipment for firefighters:

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

Additional information

Heating causes rise in pressure with risk of bursting.
Cool endangered containers with water spray and possibly remove them from fire site.
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

Use personal protection equipment.
Provide adequate ventilation.
Remove all sources of ignition.

For emergency responders

Provide adequate ventilation.
Use breathing apparatus if exposed to vapours/dust/aerosol.
Remove all sources of ignition.

6.2 Environmental precautions

Eindringen in Erdreich, Gewässer oder Kanalisation verhindern.
Prevent spread over a wide area (e.g. by containment or oil barriers).
Inform respective authorities in case of seepage into water course or sewage system.



6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Sand

Universal binder

Kieselguhr

After taking up the material dispose according to regulation.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Keep away from sources of ignition and protect from heat and sparks.

Avoid:

generation/formation of aerosols

Provide for appropriate ventilation/aspiration at the work station

Vapours can form explosive mixtures with air.

Take precautionary measures against static discharges.

Adhere to general precaution rules when handling chemicals

Avoid contact with eyes, skin and clothes.

Advices on general occupational hygiene

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

Remove contaminated, saturated clothing immediately.

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

Adhere to the administrative regulations ruling the storage of pressurised gas containers.

Storage class

LGK2B aerosols

Materials to avoid

Do not store together with:

Pyrophoric or self-heating substances

Oxidising agent

Food and feedingstuffs

Further information on storage conditions

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

Do not store together with fire promoting or self-igniting materials.

Vor Hitze, Funken, offene Flamme und andere Zündquellen schützen.

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
67-64-1	200-662-2	Acetone	500 [ml/m3(ppm)]
			1210 [mg/m3]
			2000/39/EC

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CAS No.	EC No.	Substance name	occupational exposure limit value
124-38-9	204-696-9	Carbon dioxide	5000 [ml/m3(ppm)] 9000 [mg/m3] 2006/15/EC
67-64-1		Acetone	500 [ml/m3(ppm)] 1210 [mg/m3] (IE)
124-38-9		Carbon dioxide	5000 [ml/m3(ppm)] 9000 [mg/m3] Short-term(ml/m3) 15000 (1) Short-term(mg/m3) 27000 (1) (IE)
67-63-0		Propan-2-ol	200 [ml/m3(ppm)] Short-term(ml/m3) 400 (1) (IE)
67-64-1		Acetone	500 [ml/m3(ppm)] 1210 [mg/m3] Short-term(ml/m3) 1500 Short-term(mg/m3) 3620 (UK)
124-38-9		Carbon dioxide	5000 [ml/m3(ppm)] 9150 [mg/m3] Short-term(ml/m3) 15000 Short-term(mg/m3) 27400 (UK)
67-63-0		Propan-2-ol	400 [ml/m3(ppm)] 999 [mg/m3] Short-term(ml/m3) 500 Short-term(mg/m3) 1250 (UK)

biological limit values

CAS No.	Substance name	Limit value	parameter/Test material/Sample time	Source, Remark
67-64-1	acetone	80 mg/L	acetone/ Urine (U)/ End of exposure or end of shift	BLV (DE) TRGS 903
67-63-0	propan-2-ol	25 mg/L	acetone/ Whole blood (B)/ End of exposure or end of shift	BLV (DE) TRGS 903
67-63-0	propan-2-ol	25 mg/L	acetone/ Urine (U)/ End of exposure or end of shift	BLV (DE) TRGS 903

DNEL worker

CAS No.	Substance name	DNEL value	DNEL type	Remark
67-63-0	propan-2-ol	888 mg/kg bw/day	long-term dermal (systemic)	
67-63-0	propan-2-ol	500 mg/m ³	long-term inhalative (systemic)	
1174921-73-3	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	77 mg/kg bw/day	long-term dermal (systemic)	
1174921-73-3	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	871 mg/m ³	long-term inhalative (systemic)	
64741-66-8	Kohlenwasserstoffe, C7-C9, Isoalkane	2035 mg/m ³	long-term inhalative (systemic)	

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CAS No.	Substance name	DNEL value	DNEL type	Remark
64741-66-8	Kohlenwasserstoffe, C7-C9, Isoalkane	773 mg/kg bw/day	long-term dermal (systemic)	

DNEL Consumer

CAS No.	Substance name	DNEL value	DNEL type	Remark
67-63-0	propan-2-ol	26 mg/kg bw/day	long-term oral (repeated)	
67-63-0	propan-2-ol	89 mg/m ³	long-term inhalative (systemic)	
67-63-0	propan-2-ol	319 mg/kg bw/day	long-term dermal (systemic)	
1174921-73-3	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	46 mg/kg bw/day	long-term oral (repeated)	
1174921-73-3	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	46 mg/kg bw/day	long-term dermal (systemic)	
1174921-73-3	hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	185 mg/m ³	long-term inhalative (systemic)	
64741-66-8	Kohlenwasserstoffe, C7-C9, Isoalkane	608 mg/m ³	long-term inhalative (systemic)	
64741-66-8	Kohlenwasserstoffe, C7-C9, Isoalkane	699 mg/kg bw/day	long-term dermal (systemic)	
64741-66-8	Kohlenwasserstoffe, C7-C9, Isoalkane	699 mg/kg bw/day	long-term oral (repeated)	

PNEC

CAS No.	Substance name	PNEC Value	PNEC type	Remark
67-63-0	propan-2-ol	552 mg/kg	sediment, marine water	
67-63-0	propan-2-ol	140.9 mg/L	aquatic, freshwater	
67-63-0	propan-2-ol	552 mg/kg	sediment, freshwater	
67-63-0	propan-2-ol	28 mg/kg	soil, freshwater	
67-63-0	propan-2-ol	160 mg/kg	Secondary Poisoning	
67-63-0	propan-2-ol	140.9 mg/L	aquatic, marine water	
67-63-0	propan-2-ol	140.9 mg/L	aquatic, intermittent release	
67-63-0	propan-2-ol	2251 mg/L	sewage treatment plant (STP)	

8.2 Exposure controls**Appropriate engineering controls****Technical measures to prevent exposure**

Sufficient ventilation and exhaustion.

Personal protection equipment**Eye/face protection**safety goggles
DIN EN 166**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.



Body protection:

Protective clothing

Respiratory protection

Kombinationsfiltergerät (DIN EN 141)

Respiratory protection necessary at:

insufficient exhaust

prolonged exposure

aerosol or mist formation

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Aerosol

Colour

colourless

Odour

lösemittelartig

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
pH	not determined		
Melting point/freezing point	not determined		
Initial boiling point and boiling range	55 °C		
Flash point	-17 °C		
Evaporation rate	not determined		
flammability	solid		not applicable
Upper/lower flammability or explosive limits	Upper explosion limit 14.3 Vol-%		
Upper/lower flammability or explosive limits	Lower explosion limit 0.7 Vol-%		
Vapour pressure	not determined		
Vapour density	not determined		
Density	0.755 g/cm ³ (20°C)	DIN 51757	
Solubility(ies)	Water solubility (g/L)		partially miscible
Partition coefficient: n-octanol/water	0.05		CAS No.67-63-0 propan-2-ol
Partition coefficient: n-octanol/water	-0.24		CAS No.67-64-1 acetone
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature	not determined		
Viscosity	not determined		
Explosive properties:			In use, may form flammable/explosive vapour-air mixture.
Oxidising properties			not applicable



9.2 Other information

Other safety information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions known.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Heat

Flames, sparks, heat

Do not expose to temperatures exceeding 50°C or to direct sunlight.

10.5 Incompatible materials

Oxidising agent

Pyrophoric or self-heating substances

10.6 Hazardous decomposition products

aldehydes

Carbon dioxide

Carbon monoxide

carbon black

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Animal data

	Effective dose	Method	Source, Remark
Acute oral toxicity	4951 mg/kg Rat	OECD 401	CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute oral toxicity	LD50: 5800 mg/kg Rat		CAS No.67-64-1 acetone
Acute oral toxicity	LD50: < 5000 mg/kg Rat	OECD 401	CAS No.67-63-0 propan-2-ol
Acute oral toxicity	LD50: >7100- 7800 mg/kg Rat	value from literature	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute dermal toxicity	> 5000 mg/kg Rabbit	OECD 402	CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute dermal toxicity	LD50: 7426 mg/kg Rabbit		CAS No.67-64-1 acetone
Acute dermal toxicity	LD50: > 5000 mg/kg Rabbit	OECD 402	CAS No.67-63-0 propan-2-ol

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	Effective dose	Method	Source, Remark
Acute dermal toxicity	LD50: >2200- 2500 mg/kg Rabbit	value from literature	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute inhalation toxicity	Acute inhalation toxicity (aerosol) 4951 mg/L Rat Exposure time 4 h	OECD 403	CAS No. hydrocarbons, C9- C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute inhalation toxicity	Acute inhalation toxicity (vapour) LC50: > 20 mg/L Rat Exposure time 4 h		CAS No.67-63-0 propan-2-ol
Acute inhalation toxicity	Acute inhalation toxicity (gas) 4951 mg/L Rat Exposure time 4 h		CAS No. hydrocarbons, C9- C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute inhalation toxicity	Acute inhalation toxicity (vapour) LC50: 76 mg/L Rat Exposure time 4 h		CAS No.67-64-1 acetone
Acute inhalation toxicity	Acute inhalation toxicity (vapour) LC50: > 21 mg/L Rat Exposure time 4 h	Literary value	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute inhalation toxicity	Acute inhalation toxicity (aerosol) LC50: > 9.4 mg/L Rat Exposure time 4 h		CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane

Assessment/classification

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

Skin corrosion/irritation**Animal data**

Result / evaluation	Method	Source, Remark
Wiederholter Kontakt kann zu spröder oder rissiger Haut führen.		CAS No.67-64-1 acetone

Assessment/classification

Causes skin irritation.

Eye damage/irritation**Animal data**

Result / evaluation	Method	Source, Remark
Eye irritant, reversible within 21 days Rabbit	OECD 405	CAS No.67-64-1 acetone

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**Assessment/classification**

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



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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

May cause drowsiness or dizziness.

STOT-repeated exposure

Animal data

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	CAS No.67-64-1 acetone NOEL(C): 900 mg/kg Rat Exposure duration 90 d				
Oral specific target organ toxicity (repeated exposure)	CAS No.67-64-1 acetone LOEL(C): 1700 mg/kg Rat Exposure duration 90 d				
Inhalative specific target organ toxicity (repeated exposure)	CAS No.67-64-1 acetone NOEL(C): 45 mg/l Exposure duration 8 Wochen				
Inhalative specific target organ toxicity (repeated exposure)	CAS No.67-63-0 propan-2-ol NOAEL(C): 12.5 mg/l Rat Exposure duration 104 Wochen				

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	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Inhalative specific target organ toxicity (repeated exposure)	CAS No.67-63-0 propan-2-ol NOAEL(C): > 20 mg/l Rat Exposure duration 13 Wochen	OPPTS 870.3465			Basierend auf Testdaten von ähnlichen Materialien

Assessment/classification

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

Aspiration hazard**Assessment/classification**

May be fatal if swallowed and enters airways.

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

The product is a foam aerosol.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity**

	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	LL50 >10- 30 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 96 h		CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute (short-term) fish toxicity	LC50: 5540 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 96 h		CAS No.67-64-1 acetone
Acute (short-term) fish toxicity	LC50: 9640 mg/L Pimephales promelas (fathead minnow) Test duration 96 h	OECD 203	CAS No.67-63-0 propan-2-ol
Acute (short-term) fish toxicity	LC50: 1000 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 96 h	bibliography	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute (short-term) fish toxicity	NOEC 0.778 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 28 d	bibliography	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute (short-term) fish toxicity	NOEC 0.182 mg/L Oncorhynchus mykiss (Rainbow trout) Test duration 28 d	bibliography	CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	EL50 >22- 46 mg/L Daphnia magna (Big water flea) Test duration 48 h		CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute (short-term) toxicity to crustacea	EC10 8800 mg/L Daphnia pulex (water flea) Test duration 48 h		CAS No.67-64-1 acetone

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	Effective dose	Method	Source, Remark
Acute (short-term) toxicity to crustacea	EC50 > 13299 mg/L Daphnia magna (Big water flea) Test duration 48 h	OECD 202	CAS No.67-63-0 propan-2-ol
Acute (short-term) toxicity to crustacea	EC50 1000 mg/L Daphnia magna (Big water flea) Test duration 48 h	bibliography	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute (short-term) toxicity to crustacea	NOEC 1 mg/L Daphnia magna (Big water flea) Test duration 21 d	bibliography	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Acute (short-term) toxicity to crustacea	NOEC 0.317 mg/L Daphnia magna (Big water flea) Test duration 21 d	bibliography	CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Chronic (long-term) toxicity to crustacea	NOEC >= 79 mg/L Daphnia magna (Big water flea) Test duration 21 d	OECD 211	CAS No.67-64-1 acetone
Chronic (long-term) toxicity to crustacea	NOEC 30 mg/L Daphnia magna (Big water flea) Test duration 21 d		CAS No.67-63-0 propan-2-ol
Acute (short-term) toxicity to aquatic algae and cyanobacteria	EC50 > 1000 mg/L Desmodesmus subspicatus Test duration 96 h	static test	CAS No.67-63-0 propan-2-ol
Acute (short-term) toxicity to aquatic algae and cyanobacteria	EC50 > 1000 mg/L Pseudokirchneriella subcapitata Test duration 72 h		CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute (short-term) toxicity to aquatic algae and cyanobacteria	NOELR < 1 mg/L Pseudokirchneriella subcapitata (green alga) Test duration 72 h		CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Acute (short-term) toxicity to aquatic algae and cyanobacteria	NOEC 7000 mg/L Pseudokirchneriella subcapitata (green alga) Test duration 96 h		CAS No.67-64-1 acetone
Acute (short-term) toxicity to aquatic algae and cyanobacteria	ErC50 1000 mg/L Pseudokirchneriella subcapitata (green alga) Test duration 72 h	bibliography	CAS No.64741-66-8 Kohlenwasserstoffe, C7-C9, Isoalkane
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	EC50 61150 mg/L Test duration 30 min	ISO 8192	CAS No.67-64-1 acetone

Assessment/classification

Harmful to aquatic organisms with lasting effect.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

	Value	Method	Source, Remark
Bioconcentration factor (BCF)	Bioconcentration factor (BCF) 144.3	calculated	CAS No. hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

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	Value	Method	Source, Remark
Partition coefficient: n-octanol/water	0.05		CAS No.67-63-0 propan-2-ol
Partition coefficient: n-octanol/water	-0.24		CAS No.67-64-1 acetone

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.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Waste codes/waste designations according to EWC/AVV**

Waste code product Waste name

160504 * gases in pressure containers (including halons) containing hazardous substances

Waste code packaging Waste name

150104 metallic 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	1950	1950	1950
14.2 UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Transport hazard class(es)	2	2.1	2.1
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

Land transport (ADR/RID)

UN number 1950

UN proper shipping name AEROSOLS



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Transport hazard class(es)	2
Hazard label(s)	2.1
Classification code:	5F
Packing group	-
Environmental hazards	No
Limited quantity (LQ)	1 L
Special Provisions	190 327 344 625
tunnel restriction code	D

Remark

Transport as "limited quantity" according to chapter 3.4 ADR/RID

Sea transport (IMDG)

UN number	1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	2.1
Packing group	-
Environmental hazards	No
Limited quantity (LQ)	1 L
Marine pollutant	-
EMS	F-D, S-U

Air transport (ICAO-TI / IATA-DGR)

UN number	1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Packing group	-
Environmental hazards	No

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 employment restrictions for young people.

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



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Key literature references and sources for data

Safety data sheets of suppliers

Additional information

Adhere to existing national and local rules referring to chemicals.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.