



**A 002 986 14 71 09**

**WinterFit Windscreen washer concentrate**

Print date 06.04.2023

Revision date 25.10.2022

Version 18.1 (en)

replaces version of 30.01.2020 (18.0)

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

### 1.1 Product identifier

**Trade name/designation** WinterFit Windscreen washer concentrate  
**Product category** PC-CLN-17.8 Windscreen/windshield wash fluid

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

**Use of the substance/mixture**  
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 +49 711 17-0  
E-mail (competent person):  
mercedes-benz-sdb@mercedes-benz.com

### 1.4 Emergency telephone number

+49 711 17-0  
gms.aftersales.mercedes-benz.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

Flam. Liq. 2, H225

Eye Irrit. 2, H319

#### hazard statements for physical hazards

H225 Highly flammable liquid and vapour.

#### hazard statements for health hazards

H319 Causes serious eye irritation.



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## 2.2 Label elements

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

Hazard pictograms



GHS02



GHS07

**Signal word**

Danger

**Hazard statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**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.

P280 Wear eye protection.

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

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

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

**Other labelling**

< 5% anionic surfactants

Preservation agent (2-BROMO-2-NITROPROPANE-1,3-DIOL)

## ! 2.3 Other hazards

### ! Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

### ! 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

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**! 3.2 Mixtures****! Hazardous ingredients**

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
64-17-5	200-578-6	ethanol	50 - 100 %	Flam. Liq. 2; H225 Eye Irrit. 2; H319	Eye Irrit. 2; H319: > = 50 %  ATE(oral): 6200 mg/kg ATE(dermal): > 20000 mg/kg ATE(inhalation vapour): 95.6 mg/L
67-63-0	200-661-7	propan-2-ol	5 - 10 %	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	ATE(oral): 5840 mg/kg ATE(dermal): > 12800 mg/kg ATE(dermal): 13900 mg/kg ATE(inhalation vapour): > 25 mg/L
78-93-3	201-159-0	butanone	1 - 2.5 %	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336; EUH066	ATE(oral): 193 mg/kg ATE(oral): 2193-4290 mg/kg ATE(dermal): > 8049 mg/kg ATE(dermal): 6400- 8000 mg/kg ATE(Acute inhalation toxicity): > 5000 ppm ATE(inhalation vapour): 32 mg/L ATE(inhalation vapour): 36 mg/L

REACH No.	Substance name
01-2119457610-43	ethanol
01-2119457558-25	propan-2-ol
01-2119457290-43	butanone

**! Additional information**

Constituents according to Detergents regulation (648/2004/EC):  
 <5% anionic surfactants  
 2-BROMO-2-NITROPROPANE-1,3-DIOL



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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

First aider: Pay attention to self-protection!

#### 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

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### Following ingestion

Do NOT induce vomiting.

Medical treatment necessary.

### 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

Extinguishing powder

Carbon dioxide (CO<sub>2</sub>)

Water spray jet

#### Unsuitable extinguishing media

Full water jet

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

#### Hazardous combustion products

In case of fire formation of dangerous gases possible.

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

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

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



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## Additional information

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

Remove all sources of ignition.  
Avoid skin and eye contact.  
Provide adequate ventilation.  
Remove persons to safety.

#### For emergency responders

Avoid skin and eye contact  
Remove persons to safety.

### 6.2 Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not allow to enter into soil/subsoil.  
Dilute with a lot of water  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 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.

### 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

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.  
Keep away from sources of ignition - No smoking.  
Vapours can form explosive mixtures with air.  
Take precautionary measures against static discharges.  
Adhere to general precaution rules when handling chemicals  
Avoid:  
Eye contact  
Skin contact  
Inhalation of vapours or spray/mists



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**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**

**Requirements for storage rooms and vessels**

Keep/Store only in original container.  
 Keep container tightly closed.

**Storage class**

3 Flammable liquids

**Materials to avoid**

Do not store together with:  
 Food and feedingstuffs

**Further information on storage conditions**

Protect against:  
 Heat  
 UV-radiation/sunlight  
 Keep 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
78-93-3	201-159-0	Butanone	200 [ml/m3(ppm)] 600 [mg/m3] Short-term(ml/m3) 300 Short-term(mg/m3) 900 2000/39/EC
78-93-3		Butan-2-one	200 [ml/m3(ppm)] 600 [mg/m3] Short-term(ml/m3) 300 (1) Short-term(mg/m3) 900 (1) (1) 15 minutes reference period (IE)
67-63-0		Propan-2-ol	200 [ml/m3(ppm)] Short-term(ml/m3) 400 (1) (1) 15 minutes reference period (IE)
78-93-3		Butan-2-one	200 [ml/m3(ppm)] 600 [mg/m3] Short-term(ml/m3) 300 Short-term(mg/m3) 899 (UK)

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CAS No.	EC No.	Substance name	occupational exposure limit value
67-63-0		Propan-2-ol	400 [ml/m3(ppm)] 999 [mg/m3] Short-term(ml/m3) 500 Short-term(mg/m3) 1250 (UK)

**! 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 <sup>3</sup>	long-term inhalative (systemic)	
78-93-3	butanone	412 mg/kg bw/day	long-term dermal (systemic)	
78-93-3	butanone	600 mg/m <sup>3</sup>	long-term inhalative (systemic)	
64-17-5	ethanol	1900 mg/m <sup>3</sup>	acute inhalative (local)	
64-17-5	ethanol	343 mg/kg	long-term dermal (systemic)	
64-17-5	ethanol	950 mg/m <sup>3</sup>	long-term inhalative (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 <sup>3</sup>	long-term inhalative (systemic)	
67-63-0	propan-2-ol	319 mg/kg bw/day	long-term dermal (systemic)	
78-93-3	butanone	106 mg/m <sup>3</sup>	long-term inhalative (systemic)	
78-93-3	butanone	31 mg/kg bw/day	long-term oral (repeated)	
64-17-5	ethanol	950 mg/kg	acute inhalative (local)	
64-17-5	ethanol	206 mg/kg	long-term dermal (systemic)	
64-17-5	ethanol	114 mg/m <sup>3</sup>	long-term inhalative (systemic)	
64-17-5	ethanol	87 mg/kg	long-term oral (repeated)	
64-17-5	ethanol	950 mg/m <sup>3</sup>	acute dermal, short-term (local)	

**! 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	
67-63-0	propan-2-ol	160 mg/kg	Secondary Poisoning	

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CAS No.	Substance name	PNEC Value	PNEC type	Remark
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)	
78-93-3	butanone	55.8 mg/L	aquatic, freshwater	
78-93-3	butanone	55.8 mg/L	aquatic, marine water	
78-93-3	butanone	55.8 mg/L	aquatic, intermittent release	
78-93-3	butanone	709 mg/L	sewage treatment plant (STP)	
78-93-3	butanone	284.74 mg/kg	sediment, freshwater	
78-93-3	butanone	284.7 mg/kg	sediment, marine water	
78-93-3	butanone	22.5 mg/kg	soil	
78-93-3	butanone	1000 mg/kg	Secondary Poisoning	
64-17-5	ethanol	0.96 mg/L	aquatic, freshwater	
64-17-5	ethanol	0.79 mg/L	aquatic, marine water	
64-17-5	ethanol	3.6 mg/kg	sediment, freshwater	
64-17-5	ethanol	2.9 mg/kg	sediment, marine water	
64-17-5	ethanol	0.63 mg/kg	soil	
64-17-5	ethanol	0.72 mg/kg	Secondary Poisoning	
64-17-5	ethanol	580 mg/L	sewage treatment plant (STP)	

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

Local exhaustion or technical room ventilation.

**Personal protection equipment****Eye/face protection**

Safety spectacles (EN 166)

**Hand protection**

PVC or PE gloves

Glove materials data [type, thickness, breakthrough time/duration of use, permeation rate]: Nitrile rubber (protection index 6, >480 min, thickness 0.9-1.0 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





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**Respiratory protection**

Respiratory protection necessary at:  
insufficient exhaust  
prolonged exposure

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Physical state**

liquid

**Colour**

blue

**Odour**

like:  
Alcohol

**Safety relevant basis data**

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	> 75 °C		
Boiling point or initial boiling point and boiling range	78 °C		CAS No.64-17-5 ethanol
flammability	solid		not applicable
Lower and upper explosion limit	not determined		
Flash point	22 °C		
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature	not determined		
pH	in delivery state 7.7 (20°C)		
Viscosity	dynamic		not determined
Viscosity	kinematic		not determined
Solubility(ies)	Water solubility		completely miscible
Partition coefficient n-octanol/water (log value)	0.29	Measured	CAS No.78-93-3 butanone
Vapour pressure	not determined		
Density and/or relative density	0.89 (20°C)		
Relative vapour density	not determined		
particle characteristics	not determined		

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

	Value	Method	Source, Remark
Explosive properties:			Does not apply; nevertheless can be produced explosive vapour/air mixtures

**Other information**

none

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No hazardous reactions known.

**10.2 Chemical stability**

Stable under specified storage conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4 Conditions to avoid**

Keep away from heat, flames, sparks and other sources of ignition.

**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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity****Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	CAS No.64-17-5 ethanol LD50: 6200 mg/kg Species Rat	OECD 401	
	CAS No.78-93-3 butanone LD50: 2193- 4290 mg/kg Species Rat	OECD 423	ECHA
	CAS No.67-63-0 propan-2- ol LD50: 5840 mg/kg Species Rat		
	CAS No.78-93-3 butanone ATE 193 mg/kg		



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	Effective dose	Method,Evaluation	Source, Remark
Acute dermal toxicity	CAS No.64-17-5 ethanol LD50: > 20000 mg/kg Species Rat	OECD 402	
	CAS No.78-93-3 butanone LD50: 6400- 8000 mg/kg Species Rabbit		
	CAS No.67-63-0 propan-2-ol LD50: 13900 mg/kg Species Rabbit		
	CAS No.78-93-3 butanone ATE > 8049 mg/kg		
	CAS No.67-63-0 propan-2-ol ATE > 12800 mg/kg		
Acute inhalation toxicity	CAS No.78-93-3 butanone Acute inhalation toxicity (vapour) 36 mg/L Species Rat Exposure time 4 h		
	CAS No.67-63-0 propan-2-ol Acute inhalation toxicity (vapour) > 25 mg/L Species Rat Exposure time 4 h	OECD 403	
	CAS No.64-17-5 ethanol Acute inhalation toxicity (vapour) LC50: 95.6 mg/L Species Rat Exposure time 4 h		
	CAS No.78-93-3 butanone LC50: > 5000 ppm Species Rat Exposure time 6 h		
	CAS No.78-93-3 butanone Acute inhalation toxicity (vapour) ATE 32 mg/L		

**Assessment/classification**

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

**Skin corrosion/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
non-irritant.		
CAS No.78-93-3 butanone mediocre irritantSpecies Rabbit	OECD 404	CAS No.78-93-3 butanone ECHA



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**Assessment/classification**

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

**Serious eye damage/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
CAS No.78-93-3 butanone irritantSpecies Rabbit	OECD 405	CAS No.78-93-3 butanone
CAS No.64-17-5 ethanol irritant1Specific Concentration Limit (SCL) Eye Irrit. 2; H319: 50 < C ≤ 100%Species Rabbit	OECD 405	CAS No.64-17-5 ethanol

**Assessment/classification**

Causes serious eye irritation.

**Sensitisation to the respiratory tract**

**Assessment/classification**

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

**Skin sensitisation**

**Animal data**

Result / Evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.	CAS No.78-93-3 butanone Species Guinea pig		Maximisation test (GPMT)

**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**

	Value	Method	Result / Evaluation	Remark
In vitro mutagenicity/genotoxicity	CAS No.78-93-3 butanone	OECD 471 (Ames test)	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**

**Assessment/classification**

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



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**! Overall Assessment on CMR properties**

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

**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**

**Animal data**

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	CAS No.64-17-5 ethanol NOAEL(C): 1760 mg/kg Species Rat Exposure time 90 Days	OECD 408		Liver	
Inhalative specific target organ toxicity (repeated exposure)	CAS No.78-93-3 butanone NOAEL(C): 2500 ppm Species Rat Exposure time 6 h/d Exposure frequency 5 d/w Exposure duration 90 d				
Inhalative specific target organ toxicity (repeated exposure)	CAS No.67-63-0 propan-2-ol NOAEL(C): 12.3 mg/l Species Rat Exposure duration 96 Weeks				
Inhalative specific target organ toxicity (repeated exposure)	CAS No.67-63-0 propan-2-ol NOAEL(C): 12 mg/l Species Rat Exposure duration 13 Weeks				



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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): 400 mg/kg bw/day Exposure time 12 Weeks				

**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.

**11.2 Information on other hazards**

**Symptoms related to the physical, chemical and toxicological characteristics**

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties			The substance/this mixture does not contain any components, which have endocrine disrupting properties in quantities of 0.1% or more, in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

**Other information**

More frequent and more prolonged skin contact can dry out the skin, which may lead to skin complaints and inflammations (dermatitis).

Inhalation: can cause headaches and dizziness

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity**

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	CAS No.67-63-0 propan-2-ol LC50: 9640 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h		
	CAS No.78-93-3 butanone LC50: 2993 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h	OECD 203	

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	Effective dose	Method, Evaluation	Source, Remark
	CAS No.64-17-5 ethanol LC50: > 100 mg/L Species Leuciscus idus (golden orfe) Test duration 48 h	OECD 203	
	CAS No.67-63-0 propan-2-ol LC50: 9640 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	CAS No.78-93-3 butanone NOEC 68 mg/L Species Daphnia magna (Big water flea) Test duration 48 h	OECD 202	
	CAS No.67-63-0 propan-2-ol EC50 9714 mg/L Species Daphnia magna (Big water flea) Test duration 24 h		
	CAS No.64-17-5 ethanol EC50 9268- 14221 mg/L Species Daphnia magna (Big water flea) Test duration 48 h	bibliography	
	CAS No.64-17-5 ethanol EC50 > 100 mg/L Species Daphnia magna (Big water flea) Test duration 24 h	OECD 202	
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	CAS No.78-93-3 butanone NOAEC 1240 mg/L Species Pseudokirchneriella subcapitata (green alga) Test duration 96 h		
	CAS No.67-63-0 propan-2-ol EC50 > 100 mg/L Test duration 72 h		
	CAS No.78-93-3 butanone EC50 2029 mg/L Species Pseudokirchneriella subcapitata (green alga) Test duration 96 h	OECD 201	
	CAS No.64-17-5 ethanol EL10 > 100 mg/L	OECD 201	
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		



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	Effective dose	Method,Evaluation	Source, Remark
Toxicity to microorganisms	CAS No.78-93-3 butanone EC50 > 1000 mg/L  CAS No.67-63-0 propan-2-ol NOEC > 1050 mg/L Species Pseudomonas putida Test duration 16 h	OECD 209	

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

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

**12.6 Endocrine disrupting properties**

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties			The substance/this mixture does not contain any components, which have endocrine disrupting properties in quantities of 0.1% or more, in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

**12.7 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**

Do not dispose together with domestic waste  
 Dispose of waste according to applicable legislation.  
 Avoid penetration into sewage system

**Appropriate disposal / Package**

Dispose of waste according to applicable legislation.





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**Remark**

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

**SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN number or ID number</b>	1987	1987	1987
<b>14.2 UN proper shipping name</b>	ALCOHOLS, N.O.S. (Ethanol, Isopropanol)	ALCOHOLS, N.O.S. (Ethanol, Isopropanol)	Alcohols, n.o.s. (Ethanol, Isopropanol)
<b>14.3 Transport hazard class(es)</b>	3	3	3
<b>14.4 Packing group</b>	II	II	II
<b>14.5 Environmental hazards</b>	No	No	No
<b>14.6 Special precautions for user</b>	No data available		
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	not applicable		

**Land transport (ADR/RID)**

UN number or ID number 1987  
 UN proper shipping name ALCOHOLS, N.O.S. (Ethanol, Isopropanol)  
 Transport hazard class(es) 3  
 Hazard label(s) 3  
 Classification code: F1  
 Packing group II  
 Environmental hazards No  
 Limited quantity (LQ) 1 L  
 Special Provisions 274 601 640C  
 tunnel restriction code D/E

**Sea transport (IMDG)**

UN number or ID number 1987  
 UN proper shipping name ALCOHOLS, N.O.S. (Ethanol, Isopropanol)  
 Transport hazard class(es) 3  
 Packing group II  
 Environmental hazards No  
 Limited quantity (LQ) 1 L  
 Marine pollutant -  
 EMS F-E, S-D



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## Air transport (ICAO-TI / IATA-DGR)

UN number or ID number	1987
UN proper shipping name	Alcohols, n.o.s. (Ethanol, Isopropanol)
Transport hazard class(es)	3
Packing group	II
Environmental hazards	No

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU legislation

##### Authorisations

None of the components is listed.

##### Restrictions on use

None of the components is listed.

#### Other regulations (EU)

##### Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC

VOC content, delivery state 65.81 %

### 15.2 Chemical Safety Assessment

#### National regulations

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:

<https://gms.aftersales.mercedes-benz.com>

### ! Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Flam. Liq. 2: Flammable Liquids, Category 2

Eye Irrit. 2: Eye irritation, Category 2

### 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.

Classification method:

Calculation

Test data



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**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.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.