



A 000 986 20 00 09 SummerFit Windscreen washer concentrate

Print date 26.03.2018
Revision date 22.03.2018
Version 12

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

1.1 Product identifier

Trade name/designation SummerFit Windscreen washer concentrate
Partno A 000 986 20 00 09

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

Daimler AG

70546 Stuttgart
DEUTSCHLAND

Telephone +49 (0)711 17-97390
Telefax +49 (0)711 17-94831

E-mail (competent person):
Mercedes-Benz-SDB@daimler.com

1.4 Emergency telephone number

+49 (0)711 17-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
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Skin Irrit. 2, H315

Eye Irrit. 2, H319

hazard statements for health hazards

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Remark

Labelling on the basis of results of toxical examination.

The result of a BCOP test based on OECD Guideline 437 is that the product cannot be classified as Eye Dam. 1.

2.2 Label elements

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

product identifiers

Trade name/designation SummerFit Windscreen washer concentrate

Hazard components for labelling

Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze



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Hazard pictograms



GHS07

Signal word

Warning

hazard statements for health hazards

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container in accordance with regional regulations.

Other labelling

< 5% non-ionic surfactants
15 - 30% anionic surfactants
Preservatives (2-bromo-2-nitropropane-1,3-diol, benzisothiazolinone, methylisothiazolinone, methylchloroisothiazolinone)

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

Description

Mixture of the following substances with non-hazardous admixtures.

Hazardous ingredients

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]
97489-15-1	307-055-2	Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze	10 - 25 Wt %	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 3 H412
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
68515-73-1	500-220-1	D-glucopyranose, oligomers, decyl octyl glycosides	1 - 2.5 %	Eye Dam. 1 H318
REACH No.	Substance name			
01-2119489924-20	Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze			
01-2119488639-16	alcohols, C12-14, ethoxylated, sulphate, sodium salt			



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REACH No.	Substance name
01-2119488530-36	D-glucopyranose, oligomers, decyl octyl glycosides

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

No special measures are necessary.

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.

Subsequently wash off with:

Water

After eye contact

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

After ingestion

Do NOT induce vomiting.

Seek medical advice 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

Carbon dioxide (CO₂)

Water spray jet

alcohol resistant foam

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.

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

No special measures required.

For emergency responders

No special measures required.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

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

Water

6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

No special technical protective measures are necessary.

Take the usual precautions when handling with chemicals.

No special fire protection measures are necessary.

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.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures required.

Storage class

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

Further information on storage conditions

Protect from frost.

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
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze	2.8 mg/kg bw/day	acute dermal, short-term (systemic)	



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CAS No.	Substance name	DNEL value	DNEL type	Remark
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 2.8 mg/cm ² Natriumsalze		long-term dermal (local)	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 5 mg/kg bw/day Natriumsalze		long-term dermal (systemic)	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 35 mg/m ³ Natriumsalze		long-term inhalative (systemic)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	2750 mg/kg	long-term dermal (local)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	175 mg/m ³	long-term inhalative (local)	

DNEL Consumer

CAS No.	Substance name	DNEL value	DNEL type	Remark
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 7.1 mg/kg bw/day Natriumsalze		long-term oral (repeated)	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 2.8 mg/cm ² Natriumsalze		acute dermal, short-term (local)	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 2.8 mg/cm ² Natriumsalze		long-term dermal (local)	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 3.57 mg/kg bw/day Natriumsalze		long-term dermal (systemic)	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 12.4 mg/m ³ Natriumsalze		long-term inhalative (systemic)	
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
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 0.06 mg/L Natriumsalze		aquatic, intermittent release	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 9.4 mg/kg Natriumsalze		sediment, freshwater	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 0.94 mg/kg Natriumsalze		sediment, marine water	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 9.4 mg/kg Natriumsalze		soil, freshwater	
97489-15-1	Sulfonsäuren, C14-C17-sec-Alkan-, 600 mg/L Natriumsalze		sewage treatment plant (STP)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	10000 mg/L	sewage treatment plant (STP)	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.071 mg/L	aquatic, intermittent release	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.24 mg/L	aquatic, freshwater	

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CAS No.	Substance name	PNEC Value	PNEC type	Remark
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.024 mg/L	aquatic, marine water	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	7.5 mg/kg	soil, freshwater	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.9168 mg/kg	sediment, freshwater	
68891-38-3	alcohols, C12-14, ethoxylated, sulphate, sodium salt	0.09168 mg/kg	sediment, marine water	

8.2 Exposure controls**Personal protection equipment****Eye/face protection**

Eye glasses with side protection

Hand protection

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.

Glove material specification [make/type, thickness, permeation time/service life, wetting resistance]: PVC or PE, ≥ 1 mm
The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

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

blue

Odour

light

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
pH	in delivery state 8.6 at °C: 20		
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		



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	Value	Method	Source, Remark
Vapour pressure	not determined		
Vapour density	not determined		
Density	1.04 at °C: 20		
Solubility(ies)	Water solubility (g/L)		completely miscible
Partition coefficient: n-octanol/water	not determined		
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

No data available

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

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: >500- 2000 mg/kg Rat	OECD 401	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Acute dermal toxicity	LD0 > 2000 mg/kg Mouse		CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Acute inhalation toxicity	not determined		



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Skin corrosion/irritation

Animal data

Result / evaluation	Method	Source, Remark
Specific Concentration Limit (SCL) Skin Irrit. 2; H315: 15 % < C ≤ 60 %		CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze

Assessment/classification

Causes skin irritation.

Eye damage/irritation

Assessment/classification

Causes serious eye irritation.

Skin sensitisation

Animal data

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

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-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

Longer exposure via skin contact may have a sensitizing effect.
More frequent or continuous eye contact can lead to eye irritation.
Irritates mucous membranes.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	LC50: 8.4 mg/L Leuciscus idus melanotus Test duration 96 h	EU Method C.1	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze

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	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	NOEC 7.1 mg/L <i>Leuciscus idus melanotus</i> Test duration 96 h	EU Method C.1	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Chronic (long-term) fish toxicity	NOEC 1.4 mg/L <i>Oncorhynchus mykiss</i> (Rainbow trout) Test duration 28 d	OECD 204	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Chronic (long-term) fish toxicity	LOEC 4.7 mg/L <i>Oncorhynchus mykiss</i> (Rainbow trout) Test duration 28 d	OECD 204	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Acute (short-term) toxicity to crustacea	EC50 9.81 mg/L <i>Daphnia magna</i> (Big water flea) Test duration 48 h	OECD 202	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Acute (short-term) toxicity to crustacea	NOEC 6.25 mg/L <i>Daphnia magna</i> (Big water flea) Test duration 48 h	OECD 202	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Chronic (long-term) toxicity to crustacea	NOEC 0.6 mg/L <i>Daphnia magna</i> (Big water flea) Test duration 22 d	OECD 202	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Chronic (long-term) toxicity to crustacea	LOEC 1.9 mg/L <i>Daphnia magna</i> (Big water flea) Test duration 22 d	OECD 202	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Acute (short-term) toxicity to aquatic algae and cyanobacteria	NOEC 8.7 mg/L <i>Desmodesmus subspicatus</i> Test duration 72 h	OECD 201	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Acute (short-term) toxicity to aquatic algae and cyanobacteria	LOEC 28.5 mg/L <i>Desmodesmus subspicatus</i> Test duration 72 h	OECD 201	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

Assessment/classification

The substance/mixture does not fulfill 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 (%): 78	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	CAS No.97489-15-1 Sulfonsäuren, C14-C17-sec-Alkan-, Natriumsalze 28 days Easily biodegradable



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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 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.

Risk of drinking water contamination due to penetration of low quantities into the soil.

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.

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

EU legislation

Authorisations

None of the components is listed.

Restrictions on use

None of the components is listed.



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National regulations

Water hazard class (WGK)

clearly hazardous to water (WGK 2)

Selbsteinstufung des Vorlieferanten

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

Abbreviations and acronyms

See overview table at www.euphrac.eu

Key literature references and sources for data

Safety data sheets of suppliers

REACH Dossier

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 R-, H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.