



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

1.1. Product identifier

Name of product

Freeside Mood

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

Recommended intended purpose(s)

aromatic substance mixture

1.3. Details of the supplier of the safety data sheet

Distributor

Daimler AG
D-70546 Stuttgart Germany

Advice

Phone +49 (0)711 17-97390
Fax +49 (0)711 17-94831
E-mail (competent person):
Mercedes-Benz-SDB@daimler.com

1.4. Emergency telephone number

Emergency advice

Phone +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/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Aquatic Chronic 3		
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H412

Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
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2.2. Label elements

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

Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
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Precautionary Statements

General

P102	Keep out of reach of children.
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Prevention

P273	Avoid release to the environment.
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Disposal

P501	Dispose of contents/container in accordance with regional regulations.
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**Special rules for supplemental label elements for certain mixtures**

Linalool, Pin-2(10)-en

Contains

(R)-p-mentha-1,8-diene

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-on

7-hydroxycitronellal, 3-p-cumenyl-2-methyl propionaldehyde, alpha-methyl-1,3-benzodioxol-5-propionaldehyde

[3R-(3 alpha,3a beta,7 beta,8a alpha)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene-5-yl)ethan-1-on

3,7-dimethyloct-6-en-1-ol

May produce an allergic reaction.

2.3. Other hazards**Results of PBT and vPvB assessment**

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

SECTION 3: Composition/ information on ingredients**3.1. Substances**

not applicable

3.2. Mixtures**Hazardous ingredients**

CAS No	EC No	Name	[%]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
115-95-7	204-116-4	Linalyl acetate	>= 1 < 5	Eye Irrit. 2, H319 / Skin Irrit. 2, H315
106-22-9	203-375-0	3,7-dimethyloct-6-en-1-ol	>= 0,1 < 1	Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Eye Irrit. 2, H319
107-75-5	103-518-7	7-hydroxycitronellal	>= 0,1 < 1	Eye Irrit. 2, H319 / Skin Sens. 1, H317
8007-35-0	232-357-5	Terpineol, acetate	>= 0,1 < 1	Aquatic Chronic 2, H411
14901-07-6	238-969-9	4-(2,6,6-trimethylcyclohex-1-en-1-yl)-but-3-en-2-one	>= 0,1 < 1	Aquatic Chronic 2, H411
32388-55-9	251-020-3	[3R-(3 alpha,3a beta,7 beta,8a alpha)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one	>= 0,1 < 1	Skin Sens. 1, H317 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
1205-17-0	214-881-6	Alpha-methyl-1,3-benzodioxol-5-propional	>= 0,1 < 1	Skin Sens. 1, H317 / Aquatic Chronic 2, H411
34902-57-3	422-320-3	reaction mass of: (E)-oxacyclohexadec-12-en-2-one (E)-oxacyclohexadec-13-en-2-one a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one	>= 0,1 < 1	Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene	>= 0,1 < 1	Flam. Liq. 3, H226 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410 / Asp. Tox. 1, H304
54464-57-2	259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	>= 0,1 < 1	Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 1, H410
78-70-6	201-134-4	linalool	>= 0,1 < 1	Skin Irrit. 2, H315 / Skin Sens. 1B, H317 / Eye Irrit. 2, H319
103-95-7	203-161-7	3-p-cumenyl-2-methylpropionaldehyde	>= 0,1 < 1	Skin Irrit. 2, H315 / Skin Sens. 1B, H317 / Aquatic Chronic 3, H412
127-91-3	204-872-5	Pin-2(10)-ene	>= 0,1 < 1	Flam. Liq. 3, H226 / Asp. Tox. 1, H304 / Skin Sens. 1, H317 / Skin Irrit. 2, H315 / Aquatic Chronic 1, H410
57378-68-4	260-709-8	1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	>= 0,001 < 0,025	Acute Tox. 4, H302 / Skin Sens. 1A, H317 / Skin Irrit. 2, H315 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410



REACH

CAS No	Name	REACH registration number
115-95-7	Linalyl acetate	01-2119454789-19
106-22-9	3,7-dimethyloct-6-en-1-ol	01-2119453995-23
14901-07-6	4-(2,6,6-trimethylcyclohex-1-en-1-yl)-but-3-en-2-one	01-2119937833-30

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take away from danger area and lay down affected person.

In case of inhalation

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.



Additional information

Contaminated fire-fighting water must be collected separately; it shall not run into the sewage system, aquatic environment or into the soil.

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

For emergency responders

Ensure adequate ventilation.

Use personal protective clothing.

6.2. Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.

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

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Collect with spongy material (all-purpose gelation agent) and dispose of in compliance with the regulations.

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

Advice on safe handling

Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Keep away from food and drink.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store together with food.



Further information on storage conditions

Store closed container at cool and aired place.

Protect from heat and direct solar radiation.

7.3. Specific end use(s)

Recommendation(s) for intended use

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

Not required

Hand protection

Butyl rubber gloves.

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.

Eye protection

safety goggles

EN 166

Other protection measures

Protective clothing

Appropriate engineering controls

no

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

Colourless-pale yellow

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				



	Value	Temperature	at	Method	Remark
Flash point	86 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	< 1 kPa	50 °C		calculated	
Relative density	0,969 - 0,979	20 °C			
Vapour density	not determined				
Solubility in water	not determined				
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity dynamic	not determined				
Viscosity kinematic	not determined				
Oxidising properties	Non-oxidizing				
Explosive properties	The product is not explosive				
9.2. Other information	no				



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 reactions with proper storage and handling.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Thermal decomposition

Remark No decomposition if used as directed.

Additional information

No risk of production of decomposition products when appropriately handled and stored

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	No data available			
LD50 acute dermal	No data available			
LC50 acute inhalation	No data available			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Mutagenicity	No data available			
Reproduction-Toxicity	No data available			
Carcinogenicity	No data available			

Specific target organ toxicity (single exposure)

The substance or mixture is not classified as specific target organ toxicant, single exposure.



Specific target organ toxicity (repeated exposure)

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

No classification in relation to aspiration toxicity

Additional information

No toxicological data available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	No data available			
Daphnia	No data available			
Algae	No data available			
Bacteria	No data available			

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information 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

General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

Harmful to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of in accordance with legal regulations.

General information

The waste code must be allocated in compliance with the EAK-regulation referring to the specific process and the sector



SECTION 14: Transport information

	ADR/RID	IMDG	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	-	-	-
14.6. Special precautions for user	No information available.		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable		
Transport/further information	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

No information available.

15.2. Chemical Safety Assessment

Substance safety analysis was not performed for this mixture.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

For abbreviations and acronyms, see list at www.euphrac.eu

Sources of key data used

Safety data sheets of suppliers

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.



Mercedes-Benz

Safety Data Sheet according to Regulation (EC) No.
1907/2006 (REACH)

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Freeside Mood

A 222 899 06 00

H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.