



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

1.1 Product identifier

Trade name/designation Forest Mood
Partno A 167 899 15 00

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

Use of the substance/mixture
aromatic substance mixture

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
Aquatic Chronic 3, H412

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

Trade name/designation Forest Mood

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with regional regulations.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 6,6-DIMETHYL-2-METHYLENE-BICYCLO(3.1.1)HEPTANE, 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE. 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.

**A 167 899 15 00 Forest Mood**

Print date 06.09.2018

Revision date 29.08.2018

Version 1

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]
18479-58-8	242-362-4	2,6-Dimethyloct-7-en-2-ol	$\geq 1 < 5 \%$	
28219-61-6	248-908-8	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	$\geq 0.1 < 1 \%$	Skin Irrit. 2 H315 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
65405-77-8	265-745-8	(Z)-3-Hexenyl salicylate	$\geq 0.1 < 1 \%$	Aquatic Acute 1 H400
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	$\geq 0.1 < 1 \%$	Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 1 H410
127-91-3	204-872-5	Pin-2(10)-ene	$\geq 0.1 < 1 \%$	Flam. Liq. 3 H226 Skin Sens. 1 H317 Asp. Tox. 1 H304 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

REACH No.	Substance name
01-2119457274-37	2,6-Dimethyloct-7-en-2-ol
01-2119987320-37	(Z)-3-Hexenyl salicylate
01-2119489989-04	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

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

Remove affected person from the danger area and lay down.

Following inhalation

Provide fresh air.

Following skin contact

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

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.

Consult physician in the event of continuous problems

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

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam
Dry extinguishing powder
Carbon dioxide (CO₂)
Water mist

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

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Provide adequate ventilation.

For emergency responders

Personal protection equipment

6.2 Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

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.

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

Take the usual precautions when handling with chemicals.
No special fire protection measures are necessary.
Avoid:
Eye contact
Skin contact



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

Keep/Store only in original container.

Storage class

LGK 10 Combustible liquids that cannot be assigned to any of the above storage classes

Materials to avoid

Do not store together with:
Food and feedingstuffs

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.
Protect against:
Heat
UV-radiation/sunlight

7.3 Specific end use(s)

Recommendation

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Personal protection equipment

Eye/face protection

safety goggles
DIN EN 166

Hand protection

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.
Glove materials data [type, thickness, breakthrough time/duration of use, permeation rate]: Butyl rubber, >480 min, 0,7 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.

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

colourless
yellow

Odour

characteristic



A 167 899 15 00 Forest Mood

Print date 06.09.2018

Revision date 29.08.2018

Version 1

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:			not determined
pH			not applicable
Melting point/freezing point	not determined		
Initial boiling point and boiling range			not determined
Flash point	86 °C		
Evaporation rate			not determined
flammability	solid		not applicable
flammability	gaseous		not applicable
Upper/lower flammability or explosive limits	Upper explosion limit		not determined
Upper/lower flammability or explosive limits	Lower explosion limit		not determined
Vapour pressure	< 1 kPa (50 °C)		
Vapour density			not determined
Density	0.971- 0.981 (20 °C)		
Solubility(ies)	Water solubility (g/L)		not determined
Partition coefficient: n-octanol/water			not determined
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature			not determined
Viscosity	dynamic		not determined
Viscosity	kinematic		not determined
Explosive properties:			Does not apply; nevertheless can be produced explosive vapour/air mixtures
Oxidising properties			The product is not oxidising.

9.2 Other information

Other safety information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

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 reaction when handled and stored according to provisions.



A 167 899 15 00 Forest Mood

Print date 06.09.2018

Revision date 29.08.2018

Version 1

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Animal data

	Effective dose	Method	Source, Remark
Acute oral toxicity	LD50: 5000 mg/kg Rat		CAS No.54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
Acute dermal toxicity	LD50: 5000 mg/kg Rabbit		CAS No.54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
Acute inhalation toxicity			No data available

Skin corrosion/irritation

Animal data

Result / evaluation	Method	Source, Remark
No data available		

Eye damage/irritation

Animal data

Result / evaluation	Method	Source, Remark
No data available		

Skin sensitisation

Animal data

Result / evaluation	Dose / Concentration	Method	Source, Remark
No data available			

Repeated dose toxicity (subacute, subchronic, chronic)

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Subacute oral toxicity					No data available
Subacute dermal toxicity					No data available
Subacute inhalation toxicity					No data available
Subchronic oral toxicity					No data available
Subchronic dermal toxicity					No data available

**A 167 899 15 00 Forest Mood**

Print date 06.09.2018

Revision date 29.08.2018

Version 1

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Subchronic inhalation toxicity					No data available
Chronic oral toxicity					No data available
Chronic dermal toxicity					No data available
Chronic inhalation toxicity					No data available

Germ cell mutagenicity

	Value	Method	Result / evaluation	Remark
In vitro mutagenicity/genotoxicity				No data available

Carcinogenicity**Animal data**

	Value	Method	Result / evaluation	Remark
Carcinogenicity				No data available

STOT-single exposure**STOT SE 1 and 2****Other information**

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

STOT-repeated exposure**Other information**

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

Aspiration hazard**Experimental data**

	Value	Method	Source, Remark
Viscosity	dynamic		not determined
Viscosity	kinematic		not determined

Remark

No classification in relation to aspiration toxicity

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

	Effective dose	Method	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to crustacea	not determined		
Acute (short-term) toxicity to aquatic algae and cyanobacteria	not determined		

**A 167 899 15 00 Forest Mood**

Print date 06.09.2018

Revision date 29.08.2018

Version 1

	Effective dose	Method	Source, Remark
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

	Value	Method	Source, Remark
Partition coefficient: n-octanol/water			not determined

12.4 Mobility in soil

	Value	Distribution	Transport type	Method	Remark
Log KOC					not determined

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**

Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Appropriate disposal / Product**

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Handle contaminated packages in the same way as the substance itself.

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)

obviously hazardous to water (WGK 2)

according to the Ordinance on Facilities for Handling Substances that are Hazardous to Water (AwSV)

15.2 Chemical Safety Assessment

Substance safety analysis was not performed for this mixture.

SECTION 16: Other information

Abbreviations and acronyms

See overview table at www.euphrac.eu

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)

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