



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

### 1.1 Product identifier

**Trade name/designation** Mercedes-AMG High Performance Engine Oil SAE 0W-40 MB 229.5  
**MB-Freigabe-Nr** 229.5 AMG  
**Product category** PC-TEC-11 Lubricants, greases, release agents

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

#### Use of the substance/mixture

Motor oil

#### Uses advised against

This product should not be used for other purposes than those specified without the advice of an expert.

### 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

#### Remark

The product is not classified according to the CLP regulation.

### 2.2 Label elements



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

**Precautionary statements**

P102 Keep out of reach of children.

**Special rules for supplemental label elements for certain mixtures**

EUH210 Safety data sheet available on request.

EUH208 Contains C14-16-18 alkyl phenol. May produce an allergic reaction.

**2.3 Other hazards**

**Other adverse effects**

Special danger of slipping by leaking/spilling product.

**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**

Highly refined mineral oil with additives.

**Hazardous ingredients**

| CAS No.      | EC No.    | Substance name  | Concentration      | Classification according to Regulation (EC) No 1272/2008 [CLP] | SCL/ M/ ATE  |
|--------------|-----------|---|--------------------|--|--|
| 68037-01-4   | 500-183-1 | 1-decene, homopolymer, hydrogenated   | 40 - 50 weight-%   | Asp. Tox. 1; H304  | ATE(oral): > 5000 mg/kg<br>ATE(dermal): 2001 mg/kg<br>ATE(inhalation dust/mist): > 5 mg/L  |
| verschieden* |           | Base oil - unspecified  | 20 - 30 weight-%   | Asp. Tox. 1; H304  | ATE(oral): ≥ 5000 mg/kg<br>ATE(dermal): ≥ 5000 mg/kg   |
| 72623-87-1   | 276-738-4 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified | 6.25 - 10 weight-% | Asp. Tox. 1; H304  | ATE(oral): > 5000 mg/kg<br>ATE(dermal): 2001 mg/kg<br>ATE(inhalation dust/mist): > 5 mg/L  |
| 72623-86-0   | 276-737-9 | Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based                        | 2 - 3 weight-%     | Asp. Tox. 1; H304  | ATE(oral): > 5000 mg/kg<br>ATE(dermal): > 2001 mg/kg<br>ATE(inhalation dust/mist): > 5.53 mg/L<br>ATE(inhalation gas): > 5.53 mg/L |



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| CAS No.    | EC No.    | Substance name   | Concentration       | Classification according to Regulation (EC) No 1272/2008 [CLP] | SCL/ M/ ATE   |
|------------|-----------|--|---------------------|--|---|
| 64742-54-7 | 265-157-1 | Distillates (petroleum), hydrotreated heavy paraffinic | 2 - 3 weight-%      | Asp. Tox. 1; H304  | ATE(oral): ≥ 5001 mg/kg<br>ATE(dermal): ≥ 3001 mg/kg<br>ATE(inhalation vapour): 5.53 mg/L |
|            | 931-468-2 | C14-16-18 alkyl phenol                                 | 0.1 - 0.25 weight-% | Skin Sens. 1; H317<br>Aquatic Chronic 4 ; H413                 |   |

| REACH No.        | Substance name  |
|------------------|---|
| 01-2119486452-34 | 1-decene, homopolymer, hydrogenated   |
| 01-2119474889-13 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified |
| 01-2119474878-16 | Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based                        |
| 01-2119484627-25 | Distillates (petroleum), hydrotreated heavy paraffinic                                      |
| 01-2119498288-19 | C14-16-18 alkyl phenol  |

**Remark**

The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.

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

Remove contaminated, saturated clothing immediately.

**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**

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

Remove contact lens

**Following ingestion**

Do NOT induce vomiting.

Call a physician 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

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.

#### 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.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
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

Avoid skin and eye contact.  
Use personal protection equipment.  
Special danger of slipping by leaking/spilling product.

##### For emergency responders

Personal protection equipment  
Special danger of slipping by leaking/spilling product.

#### 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.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
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

Avoid:

generation/formation of aerosols

Provide for appropriate ventilation/aspiration at the work station

Do not heat up to temperatures close to the flash point.

All work processes must always be designed so that the following is as low as possible:

Skin contact

Avoid:

Eye contact

Do not put any product-impregnated cleaning rags into your trouser pockets.

#### Advices on general occupational hygiene

Thorough skin-cleansing after handling the product.

Apply skin care products after work.

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

Keep away from food and drink.

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.

#### Storage class

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 and protected against effects of weather in a cool, appropriately aerated area.

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**

**DNEL worker**

| CAS No.    | Substance name   | DNEL value            | DNEL type                    | Remark |
|------------|--|-----------------------|------------------------------|--------|
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | 5.4 mg/m <sup>3</sup> | long-term inhalative (local) |        |

**DNEL Consumer**

| CAS No.    | Substance name   | DNEL value            | DNEL type                    | Remark |
|------------|--|-----------------------|------------------------------|--------|
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | 1.2 mg/m <sup>3</sup> | long-term inhalative (local) |        |

**PNEC**

| CAS No.    | Substance name   | PNEC Value | PNEC type           | Remark    |
|------------|--|------------|---------------------|-----------|
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | 9.33 mg/kg | Secondary Poisoning | , Nahrung |

**8.2 Exposure controls**

**Appropriate engineering controls**

**Technical measures to prevent exposure**

Sufficient ventilation and exhaustion.

**Personal protection equipment**

**Eye/face protection**

Safety glasses recommended during transfer

**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 materials data [type, thickness, breakthrough time/duration of use, permeation rate]: Nitrile rubber (protection index 6, >480 min, 0.4 mm)

**Body protection:**

Protective clothing

**Respiratory protection**

Respiratory protection necessary at:

insufficient exhaust

prolonged exposure

Suitable respiratory protection apparatus:

Filtering device (full mask or mouthpiece) with filter:

AX

**SECTION 9: Physical and chemical properties**

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

**Physical state**

liquid



**Colour**  
amber

**Odour**  
characteristic

**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 | > 300 °C                       | ASTM D 1120 |                       |
| flammability   | not determined                 |             |                       |
| Lower and upper explosion limit                          | not determined                 |             |                       |
| Flash point  | 228 °C                         | ASTM D92    |                       |
| Auto-ignition temperature                                | not determined                 |             |                       |
| Decomposition temperature                                | not determined                 |             |                       |
| pH   | in delivery state              |             | not applicable        |
| Viscosity  | kinematic<br>76 cSt (40°C)     | ASTM D445   |                       |
| Viscosity  | kinematic<br>13 cSt (100°C)    | ASTM D445   |                       |
| Solubility(ies)  | Water solubility               |             | practically insoluble |
| Partition coefficient n-octanol/water (log value)        | not determined                 |             |                       |
| Vapour pressure  | not determined                 |             |                       |
| Density and/or relative density                          | 0.844 g/cm <sup>3</sup> (15°C) | ASTM D 4052 |                       |
| Relative vapour density                                  | not determined                 |             |                       |
| particle characteristics                                 | not determined                 |             |                       |

**9.2 Other information**

**Other safety characteristics**

|                       | Value | Method | Source, Remark               |
|-----------------------|-------|--------|------------------------------|
| Explosive properties: |       |        | The product is not explosive |

**Other information**  
none

**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

Heat  
High temperatures

## 10.5 Incompatible materials

Oxidising agent, strong  
Strong acids  
Strong bases

## 10.6 Hazardous decomposition products

Carbon monoxide  
Carbon dioxide  
Phosphorus compounds  
Hydrogen sulfide (H<sub>2</sub>S)  
Nitrogen oxides (NO<sub>x</sub>)

## Additional information

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

## 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.72623-86-0<br>Lubricating oils (petroleum),<br>C15-30, hydrotreated<br>neutral oil-based<br>> 5000 mg/kg Species Rat | OECD 401           |                |
|                     | CAS No.68037-01-4 1-<br>decene, homopolymer,<br>hydrogenated<br>LD50: > 5000 mg/kg<br>Species Rat                           |                    |                |
|                     | CAS No.64742-54-7<br>Distillates (petroleum),<br>hydrotreated heavy<br>paraffinic<br>LD50: ≥ 5001 mg/kg<br>Species Rat      | OECD 423           |                |



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|                           | Effective dose  | Method,Evaluation | Source, Remark |
|---------------------------|---|-------------------|----------------|
| Acute dermal toxicity     | CAS No.72623-87-1<br>Lubricating oils (petroleum),<br>C20-50, hydrotreated<br>neutral oil-based; Baseoil -<br>unspecified<br>LD50: > 5000 mg/kg<br>Species Rat                        | OECD 401          |                |
|                           | CAS No.verschieden* Base<br>oil - unspecified<br>LD50: ≥ 5000 mg/kg<br>Species Rat  |                   |                |
|                           | CAS No.72623-87-1<br>Lubricating oils (petroleum),<br>C20-50, hydrotreated<br>neutral oil-based; Baseoil -<br>unspecified<br>LD50: 2001 mg/kg Species<br>Rabbit                       | OECD 402          |                |
|                           | CAS No.68037-01-4 1-<br>decene, homopolymer,<br>hydrogenated<br>LD50: 2001 mg/kg Species<br>Rat   |                   |                |
|                           | CAS No.64742-54-7<br>Distillates (petroleum),<br>hydrotreated heavy<br>paraffinic<br>LD50: ≥ 3001 mg/kg<br>Species Rabbit   | OECD 402          |                |
| Acute inhalation toxicity | CAS No.verschieden* Base<br>oil - unspecified<br>LD50: ≥ 5000 mg/kg<br>Species Rat  |                   |                |
|                           | CAS No.72623-86-0<br>Lubricating oils (petroleum),<br>C15-30, hydrotreated<br>neutral oil-based<br>LD50: > 2001 mg/kg<br>Species Rabbit   |                   |                |
|                           | CAS No.72623-86-0<br>Lubricating oils (petroleum),<br>C15-30, hydrotreated<br>neutral oil-based<br>Acute inhalation toxicity<br>(gas)<br>> 5.53 mg/L Species Rat<br>Exposure time 4 h | OECD 403          |                |
|                           | CAS No.68037-01-4 1-<br>decene, homopolymer,<br>hydrogenated<br>Acute inhalation toxicity<br>(dust/mist)<br>LC50: > 5 mg/L Species<br>Rat<br>Exposure time 4 h                        |                   |                |



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| Effective dose  | Method,Evaluation | Source, Remark |
|---|-------------------|----------------|
| CAS No.64742-54-7<br>Distillates (petroleum),<br>hydrotreated heavy<br>paraffinic<br>Acute inhalation toxicity<br>(vapour)<br>LC50: 5.53 mg/L Species<br>Rat  |                   |                |
| CAS No.72623-87-1<br>Lubricating oils (petroleum),<br>C20-50, hydrotreated<br>neutral oil-based; Baseoil -<br>unspecified<br>Acute inhalation toxicity<br>(dust/mist)<br>LC50: > 5 mg/L Species<br>Rat<br>Exposure time 4 h |                   |                |
| CAS No.72623-86-0<br>Lubricating oils (petroleum),<br>C15-30, hydrotreated<br>neutral oil-based<br>Acute inhalation toxicity<br>(dust/mist)<br>LC50: > 5.53 mg/L Species<br>Rat<br>Exposure time 4 h                        |                   |                |

**Skin corrosion/irritation**

**Animal data**

| Result / Evaluation | Method | Source, Remark |
|---------------------|--------|----------------|
|                     |        |                |

**Assessment/classification**

In case of prolonged, frequent contact, irritation is possible.

**Serious eye damage/irritation**

**Animal data**

| Result / Evaluation | Method | Source, Remark |
|---------------------|--------|----------------|
|                     |        |                |

**Skin sensitisation**

**Animal data**

| Result / Evaluation  | Dose / Concentration | Method | Source, Remark |
|--|----------------------|--------|----------------|
| May cause an allergic skin reaction<br>in sensitive individuals. |                      |        |                |

**Germ cell mutagenicity**

| Value                                       | Method | Result / Evaluation | Remark |
|---|--------|---------------------|--------|
| In vitro<br>mutagenicity/genot<br>otoxicity |        | not mutagenic       |        |



**Carcinogenicity**

**Animal data**

|                 | Value | Method | Result / Evaluation | Remark |
|-----------------|-------|--------|---------------------|--------|
| Carcinogenicity |       |        | not cancerogenic    |        |

**Reproductive toxicity**

**Assessment/classification**

not toxic for reproduction

**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**

**Remark**

No classification in relation to aspiration toxicity

**11.2 Information on other hazards**

**Other information**

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

Risk of eye and respiratory tract irritation due to high temperatures of vapours and oil mist

In case of swallowing, irritations of the gastric mucous membrane, nausea, vomiting and diarrhoea may occur.

Toxicological data are not available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity**

|                                  | Effective dose  | Method, Evaluation | Source, Remark |
|----------------------------------|---|--------------------|----------------|
| Acute (short-term) fish toxicity | CAS No.72623-86-0<br>Lubricating oils (petroleum),<br>C15-30, hydrotreated<br>neutral oil-based<br>LL50 > 100 mg/L<br>Test duration 96 h                                      | OECD 203           |                |
|                                  | CAS No.64742-54-7<br>Distillates (petroleum),<br>hydrotreated heavy<br>paraffinic<br>LL50 > 100 mg/L Species<br>Pimephales promelas<br>(fathead minnow)<br>Test duration 96 h | OECD 203           |                |



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|  | Effective dose   | Method,Evaluation | Source, Remark |
|--|--|-------------------|----------------|
|  | CAS No.verschieden* Base oil - unspecified<br>LC50: > 100 mg/L Species Pimephales promelas (fathead minnow)<br>Test duration 96 h                            |                   |                |
|  | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>LC50: > 1000 mg/L Species Oncorhynchus mykiss (Rainbow trout)<br>Test duration 96 h                 |                   |                |
|  | CAS No.72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified<br>LC50: > 100 mg/L<br>Test duration 96 h      |                   |                |
|  | CAS No.verschieden* Base oil - unspecified<br>LC50: 5000 mg/L Species Oncorhynchus mykiss (Rainbow trout)<br>Test duration 96 h                              |                   |                |
| Chronic (long-term) fish toxicity        | CAS No.64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic<br>NOEC 1000 mg/L Species Oncorhynchus mykiss (Rainbow trout)<br>Test duration 14 d |                   |                |
|  | CAS No.72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified<br>NOEC > 1000 mg/L<br>Test duration 14 d      |                   |                |
| Acute (short-term) toxicity to crustacea | CAS No.72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based<br>EL50 > 10000 mg/L<br>Test duration 48 h                            | OECD 202          |                |
|  | CAS No.verschieden* Base oil - unspecified<br>EC50 10000 mg/L Species Daphnia magna (Big water flea)<br>Test duration 48 h                                   |                   |                |



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|  | Effective dose   | Method,Evaluation | Source, Remark |
|--|--|-------------------|----------------|
| Chronic (long-term) toxicity to aquatic invertebrate | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>EC50 > 1000 mg/L Species Daphnia magna (Big water flea)<br>Test duration 48 h   | OECD 202          |                |
|  | CAS No.64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic<br>EC50 > 10000 mg/L Species Daphnia pulex (water flea)<br>Test duration 48 h                                 | OECD 202          |                |
|  | CAS No.72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified<br>NOEC 10 mg/L Species Daphnia pulex (water flea)<br>Test duration 21 d | OECD 211          |                |
|  | CAS No.verschieden* Base oil - unspecified<br>NOEC > 10 mg/L Species Daphnia magna (Big water flea)<br>Test duration 21 d  |                   |                |
|  | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>EC50 125 mg/L Species Daphnia magna (Big water flea)<br>Test duration 21 d  |                   |                |
|  | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>NOEC 125 mg/L Species Daphnia magna (Big water flea)<br>Test duration 21 d  |                   |                |
|  | CAS No.64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic<br>NOEC > 1 mg/L Species Daphnia pulex (water flea)   |                   |                |



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|   | Effective dose   | Method,Evaluation | Source, Remark |
|---|--|-------------------|----------------|
| Acute (short-term) toxicity to algae and cyanobacteria          | CAS No.72623-87-1<br>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified<br>NOEC 100 mg/L Species Pseudokirchneriella subcapitata (green alga)<br>Test duration 72 h | OECD 201          |                |
|   | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>EC50 1000 mg/L Species Pseudokirchneriella subcapitata (green alga)<br>Test duration 72 h   |                   |                |
|   | CAS No.64742-54-7<br>Distillates (petroleum), hydrotreated heavy paraffinic<br>EC50 > 100 mg/L Species Pseudokirchneriella subcapitata (green alga)<br>Test duration 72 h                                    |                   |                |
|   | CAS No.verschieden* Base oil - unspecified<br>EC50 > 100 mg/L Species Scenedesmus quadricauda<br>Test duration 72 h  |                   |                |
|   | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>NOEC > 100 mg/L Species Pseudokirchneriella subcapitata (green alga)<br>Test duration 72 h  |                   |                |
| Chronic (long-term) toxicity to aquatic algae and cyanobacteria | CAS No.72623-86-0<br>Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based<br>NOEC > 100 mg/L Species Pseudokirchneriella subcapitata (green alga)<br>Test duration 72 h                      | OECD 201          |                |
|   | not determined   |                   |                |
| Toxicity to other aquatic plants/organisms                      | CAS No.verschieden* Base oil - unspecified<br>EC50 > 100 mg/L Species Scenedesmus quadricauda (green algae)<br>Test duration 3 d   |                   |                |



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|                            | Effective dose  | Method,Evaluation | Source, Remark |
|----------------------------|---|-------------------|----------------|
|                            | CAS No.68037-01-4 1-decene, homopolymer, hydrogenated<br>NOEC > 1000 mg/L<br>Species Scenedesmus quadricauda (green algae)<br>Test duration 3 h |                   |                |
| Toxicity to microorganisms | not determined  |                   |                |

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### 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

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

No data available

### 12.7 Other adverse effects

#### Additional ecotoxicological information

##### Additional information

Ecological dates are not available.

Product is not allowed to be discharged into the ground water or aquatic environment.

The product floats on top of the water/sewage.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal / Product

Dispose of waste according to applicable legislation.

#### 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.



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## 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>     | -                        | -                    | -                                  |
| <b>14.2 UN proper shipping name</b>    | -                        | -                    | -                                  |
| <b>14.3 Transport hazard class(es)</b> | -                        | -                    | -                                  |
| <b>14.4 Packing group</b>              | -                        | -                    | -                                  |
| <b>14.5 Environmental hazards</b>      | No                       | No                   | No                                 |

### 14.6 Special precautions for user

No data available

### 14.7 Maritime transport in bulk according to IMO instruments

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

No data available

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://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)

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H413 May cause long lasting harmful effects to aquatic life.