

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**MEYLE 014 021 0060**

Revision: 15.03.2024

Product code: 014\_021\_0060-1

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

Motor oil

**1.3. Details of the supplier of the safety data sheet**

|                 |                        |                            |
|-----------------|------------------------|----------------------------|
| Company name:   | Meyle AG               |                            |
| Street:         | Merkurring 111         |                            |
| Place:          | D-22143 Hamburg        |                            |
| Telephone:      | +49 40 67 506 510      | Telefax: +49 40 67 506 506 |
| E-mail:         | contact@meyle.com      |                            |
| Contact person: | Kai Andresen           |                            |
| E-mail:         | Kai.Andresen@meyle.com |                            |
| Internet:       | www.meyle.com          |                            |

**1.4. Emergency telephone number:**Giftnotruf Göttingen  
+49 551 19 24 0 (24h)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

|      |  |
|------|--|
| P103 | Read carefully and follow all instructions.                                      |
| P273 | Avoid release to the environment.  |
| P501 | Dispose of contents/container to of the disposal according to local regulations. |

**2.3. Other hazards**Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.  
No information available.**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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**Relevant ingredients**

| CAS No     | Chemical name  |              |                  | Quantity    |
|------------|--|--------------|------------------|-------------|
|            | EC No  | Index No     | REACH No         |             |
|            | Classification (Regulation (EC) No 1272/2008)  |              |                  |             |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   |              |                  | 30 - < 60 % |
|            | 265-157-1  | 649-467-00-8 | 01-2119484627-25 |             |
|            | Asp. Tox. 1; H304  |              |                  |             |
| 68037-01-4 | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  |              |                  | 5 - < 15 %  |
|            | 500-183-1  |              | 01-2119486452-34 |             |
|            | Asp. Tox. 1; H304  |              |                  |             |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)  |              |                  | 1 - < 2.5 % |
|            | 265-169-7  | 649-474-00-6 | 01-2119471299-27 |             |
|            | Asp. Tox. 1; H304  |              |                  |             |
| 68784-26-9 | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 |              |                  | 1 - < 2.5 % |
|            | 701-251-5  |              | 01-2119524004-56 |             |
|            | Aquatic Chronic 4; H413  |              |                  |             |
| 74499-35-7 | phenol, (tetrapropenyl) derivatives  |              |                  | < 0.1 %     |
|            | 616-100-8  | 604-092-00-9 |                  |             |
|            | Repr. 1B, Skin Corr. 1C, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H360F H314 H318 H400 H410   |              |                  |             |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No     | EC No  | Chemical name  | Quantity    |
|------------|--|--|-------------|
|            | Specific Conc. Limits, M-factors and ATE                     |  |             |
| 64742-54-7 | 265-157-1  | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   | 30 - < 60 % |
|            | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg       |  |             |
| 68037-01-4 | 500-183-1  | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  | 5 - < 15 %  |
|            | oral: LD50 = > 5000 mg/kg                                    |  |             |
| 64742-65-0 | 265-169-7  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)  | 1 - < 2.5 % |
|            | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg       |  |             |
| 68784-26-9 | 701-251-5  | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 | 1 - < 2.5 % |
|            | dermal: LD50 = > 15000 mg/kg; oral: LD50 = > 5000 mg/kg      |  |             |
| 74499-35-7 | 616-100-8  | phenol, (tetrapropenyl) derivatives  | < 0.1 %     |
|            | Aquatic Acute 1; H400: M=10<br>Aquatic Chronic 1; H410: M=10 |  |             |

**Further Information**

Tugann sonraí tástála le fios nach dtiocfaidh aon chéim amháin den táirge as an gcomhpháirt since.

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**

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**General information**

Self-protection of the first aider

Change contaminated clothing.

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

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice. In case of inhalation of aerosols/spray mist/splash spots: Consult physician.

Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

In case of inhalation of aerosols/spray mist/splash spots: Consult physician.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

If skin irritation or rash occurs: Get medical advice/attention.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**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**

Treat symptomatically. Caution if victim vomits: Risk of aspiration!

Aspiration hazard: Call a physician immediately.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam.**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Non-flammable. Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Sulphur oxides. Phosphorus oxides. Hydrogen sulphide (H<sub>2</sub>S).**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. carbon black

In case of fire and/or explosion do not breathe fumes.

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

**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water. Dispose of waste according to applicable legislation.

Use water spray jet to protect personnel and to cool endangered containers.

**SECTION 6: Accidental release measures**

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**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Avoid contact with skin, eyes and clothes. Do not breathe mist/vapours/spray.

**For non-emergency personnel**

Provide adequate ventilation. Use personal protection equipment. Remove persons to safety.

**For emergency responders**

Wear personal protection equipment (refer to section 8).

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

**6.3. Methods and material for containment and cleaning up****For containment**

Stop leak if safe to do so. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

**For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**Other information**

Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Protect skin by using skin protective cream. Wash hands before breaks and after work.

Conditions to avoid: aerosol or mist generation.

**Advice on protection against fire and explosion**

No special measures are necessary.

When using do not smoke.

Fire class: B (DIN-/EN-Norms EN2)

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. When using do not eat, drink or smoke.

Protect skin by using skin protective cream.

Keep away from food, drink and animal feedingstuffs.

Do not breathe vapour.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

Keep away from heat. Keep/Store only in original container.

**Hints on joint storage**

Do not store together with: Food and fodder, Oxidizing agents.

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**Further information on storage conditions**

If product enters soil, it will be mobile and may contaminate groundwater. Keep away from heat.

**7.3. Specific end use(s)**

Motor oil

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

| CAS No | Substance   | ppm | mg/m <sup>3</sup> | fib/cm <sup>3</sup> | Category  | Origin |
|--------|---|-----|-------------------|---------------------|-----------|--------|
| -      | Mineral Oil pure, highly & severely refined (Inhalable) | -   | 5                 |                     | TWA (8 h) |        |

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**DNEL/DMEL values**

| CAS No                   | Substance  | Exposure route | Effect   | Value                   |
|--------------------------|--|----------------|----------|-------------------------|
| 64742-54-7               | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   |                |          |                         |
| Worker DNEL, long-term   |  | inhalation     | local    | 5,58 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |  | dermal         | systemic | 0,97 mg/kg bw/day       |
| Worker DNEL, long-term   |  | inhalation     | systemic | 2,73 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |  | inhalation     | local    | 1,19 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |  | oral           | systemic | 0,74 mg/kg bw/day       |
| 64742-54-7               | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   |                |          |                         |
| Worker DNEL, long-term   |  | inhalation     | systemic | 2,73 mg/m <sup>3</sup>  |
| 72623-87-1               | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)   |                |          |                         |
| Worker DNEL, long-term   |  | inhalation     | systemic | 2,73 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |  | inhalation     | local    | 5,58 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |  | dermal         | systemic | 0,97 mg/kg bw/day       |
| Consumer DNEL, long-term |  | inhalation     | local    | 1,19 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |  | oral           | systemic | 0,74 mg/kg bw/day       |
| 64742-65-0               | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)  |                |          |                         |
| Worker DNEL, long-term   |  | inhalation     | systemic | 2,73 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |  | inhalation     | local    | 5,58 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |  | dermal         | systemic | 0,97 mg/kg bw/day       |
| Consumer DNEL, long-term |  | inhalation     | local    | 1,19 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |  | oral           | systemic | 0,74 mg/kg bw/day       |
| 68784-26-9               | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 |                |          |                         |
| Worker DNEL, long-term   |  | inhalation     | systemic | 3,5 mg/m <sup>3</sup>   |
| Worker DNEL, acute       |  | inhalation     | systemic | 133,6 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |  | dermal         | systemic | 8,33 mg/kg bw/day       |
| Worker DNEL, acute       |  | dermal         | systemic | 80 mg/kg bw/day         |
| Consumer DNEL, long-term |  | inhalation     | systemic | 0,87 mg/m <sup>3</sup>  |
| Consumer DNEL, acute     |  | inhalation     | systemic | 0,067 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |  | dermal         | systemic | 4,2 mg/kg bw/day        |
| Consumer DNEL, acute     |  | dermal         | systemic | 40 mg/kg bw/day         |
| Consumer DNEL, long-term |  | oral           | systemic | 0,25 mg/kg bw/day       |
| Consumer DNEL, acute     |  | oral           | systemic | 50 mg/kg bw/day         |
| 74499-35-7               | phenol, (tetrapropenyl) derivatives  |                |          |                         |
| Worker DNEL, long-term   |  | inhalation     | systemic | 0,053 mg/m <sup>3</sup> |

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|                        |        |          |                      |
|------------------------|--------|----------|----------------------|
| Worker DNEL, long-term | dermal | systemic | 0,25 mg/kg<br>bw/day |
|------------------------|--------|----------|----------------------|

**PNEC values**

| CAS No   | Substance  | Value       |
|--|--|-------------|
| Environmental compartment                        |  |             |
| 64742-54-7                                       | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   |             |
| Secondary poisoning                              |  | 9,33 mg/kg  |
| 72623-87-1                                       | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)   |             |
| Secondary poisoning                              |  | 9,33 mg/kg  |
| 64742-65-0                                       | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)  |             |
| Secondary poisoning                              |  | 9,33 mg/kg  |
| 68784-26-9                                       | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 |             |
| Freshwater                                       |  | 0,5 mg/l    |
| Freshwater (intermittent releases)               |  | 5 mg/l      |
| Marine water                                     |  | 0,05 mg/l   |
| Freshwater sediment                              |  | 1650 mg/kg  |
| Marine sediment                                  |  | 165 mg/kg   |
| Secondary poisoning                              |  | 11,11 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |  | 100 mg/l    |
| Soil   |  | 1340 mg/kg  |

**8.2. Exposure controls**

**Appropriate engineering controls**

No data available

**Individual protection measures, such as personal protective equipment**
**Eye/face protection**

Wear eye protection/face protection. In fine dispersion/spraying/misting: Wear eye/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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. Wear suitable gloves.

**Skin protection**

Use of protective clothing. In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**Environmental exposure controls**

Avoid release to the environment.

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**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

|   |                          |                    |
|---|--------------------------|--------------------|
| Physical state:   | Liquid                   |                    |
| Colour:   | brown                    |                    |
| Odour:  | characteristic           |                    |
|   |                          | <b>Test method</b> |
| Melting point/freezing point:                             | not determined           |                    |
| Boiling point or initial boiling point and boiling range: | not determined           |                    |
| Flammability:   | Not readily combustible. |                    |
| Lower explosion limits:                                   | not determined           |                    |
| Upper explosion limits:                                   | not determined           |                    |
| Flash point:  | >200 °C                  | DIN ISO 2592       |
| Auto-ignition temperature:                                | not determined           |                    |
| Decomposition temperature:                                | not determined           |                    |
| pH-Value:   | not applicable           | DIN 51369          |
| Viscosity / kinematic:<br>(at 40 °C)                      | 86 mm <sup>2</sup> /s    | DIN 51562          |
| Water solubility:<br>(at 20 °C)                           | practically insoluble    |                    |
| Solubility in other solvents                              | not determined           |                    |
| Partition coefficient n-octanol/water:                    | not determined           |                    |
| Vapour pressure:<br>(at 20 °C)                            | <0,1 hPa                 | calculated.        |
| Density (at 15 °C):                                       | ~0,85 g/cm <sup>3</sup>  | DIN 51757          |
| Relative vapour density:                                  | not determined           |                    |
| Particle characteristics:                                 | not relevant             |                    |

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

Pourpoint.: ~ -33 °C DIN ISO 3016

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

No data available

**10.2. Chemical stability**

 No thermal decomposition if properly stored / handled /transported.  
 Onset of decomposition at elevated temperatures (>65°C): (e.g. H<sub>2</sub>S)

**10.3. Possibility of hazardous reactions**

 possible with strong oxidizing agents.  
 This product is stable under normal conditions. Hazardous reactions are unlikely.

**10.4. Conditions to avoid**

Oxidizing agents, strong..Etchant and acids

**10.5. Incompatible materials**

Oxidizing agents, strong.

**10.6. Hazardous decomposition products**

none

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### Further information

No thermal decomposition if properly stored / handled /transported.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

No data available.

Irritant effect on the respiratory tract: Do not breathe gas/vapour.

#### ATEmix calculated

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

| CAS No     | Chemical name  |                    |         |               |                    |
|------------|--|--------------------|---------|---------------|--------------------|
|            | Exposure route   | Dose               | Species | Source        | Method             |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   |                    |         |               |                    |
|            | oral   | LD50 > 5000 mg/kg  | Rat     | REACH Dossier | OECD 401           |
|            | dermal   | LD50 > 5000 mg/kg  | Rabbit  | REACH Dossier | OECD 402           |
| 68037-01-4 | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  |                    |         |               |                    |
|            | oral   | LD50 > 5000 mg/kg  | Rat     | ECHA          | OECD Guideline 401 |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)  |                    |         |               |                    |
|            | oral   | LD50 > 5000 mg/kg  | Rat     | REACH Dossier | OECD 401           |
|            | dermal   | LD50 > 5000 mg/kg  | Rabbit  | REACH Dossier | OECD 402           |
| 68784-26-9 | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 |                    |         |               |                    |
|            | oral   | LD50 > 5000 mg/kg  | Rat     | ECHA          | OECD 401           |
|            | dermal   | LD50 > 15000 mg/kg | Rabbit  | ECHA          | OECD 402           |

#### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Irritant effect on the skin: none

Frequent and prolonged eye contact may cause eye irritation.

#### Sensitising effects

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

Due to the very low concentration of sensitizing substances, the finished product can be assumed not to be skin-sensitizing.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

The product is not classified.

#### STOT-single exposure

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

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**STOT-repeated exposure**

Based on available data, the classification criteria are not met.  
Frequently or prolonged contact with skin may cause dermal irritation.

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

No data available.

**Additional information on tests**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**Practical experience**

not applicable

**11.2. Information on other hazards****Endocrine disrupting properties**

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.

**Further information**

No special hazards known when the product is properly used and the precautionary measures indicated are observed.

**SECTION 12: Ecological information****12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

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| CAS No     | Chemical name   |                   |           |                                      |               |                    |
|------------|---|-------------------|-----------|--------------------------------------|---------------|--------------------|
|            | Aquatic toxicity  | Dose              | [h]   [d] | Species                              | Source        | Method             |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)    |                   |           |                                      |               |                    |
|            | Acute fish toxicity   | LL50 > 100 mg/l   | 96 h      | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203           |
|            | Acute algae toxicity  | ErC50 > 100 mg/l  | 72 h      | Pseudokirchneriella subcapitata      | REACH Dossier | OECD 201           |
|            | Acute crustacea toxicity  | EL50 > 10000 mg/l | 48 h      | Daphnia magna (Big water flea)       | REACH Dossier | OECD 202           |
|            | Fish toxicity   | NOEC >= 1000 mg/l | 14 d      | Oncorhynchus mykiss (Rainbow trout)  | REACH Dossier | QSAR               |
|            | Crustacea toxicity  | NOEC > 10 mg/l    | 21 d      | Daphnia magna (Big water flea)       | REACH Dossier | OECD 211           |
| 68037-01-4 | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated                   |                   |           |                                      |               |                    |
|            | Acute fish toxicity   | LL50 > 1000 mg/l  | 96 h      | Oncorhynchus mykiss                  | ECHA          | OECD Guideline 203 |
|            | Acute algae toxicity  | ErC50 > 1000 mg/l | 96 h      | Pseudokirchneriella subcapitata      | ECHA          | OECD Guideline 201 |
|            | Acute crustacea toxicity  | EL50 > 1000 mg/l  | 48 h      | Daphnia magna                        | ECHA          | OECD Guideline 202 |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |                   |           |                                      |               |                    |
|            | Acute fish toxicity   | LL50 > 100 mg/l   | 96 h      | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203           |
|            | Acute crustacea toxicity  | EL50 > 10000 mg/l | 48 h      | Daphnia pulex (water flea)           | REACH Dossier | OECD 202           |
|            | Fish toxicity   | NOEC >= 1000 mg/l | 14 d      | Oncorhynchus mykiss (Rainbow trout)  | REACH Dossier | QSAR               |
|            | Algae toxicity  | NOEC >= 100 mg/l  | 3 d       | Pseudokirchneriella subcapitata      | REACH Dossier | OECD 201           |

**12.2. Persistence and degradability**

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants. Poorly eliminated from water.

Not easily bio-degradable (according to OECD-criteria). Product is partially biodegradable. Significant residues remain.

Post-use oils must not be discharged into the sewer system or into surface waters nor must they be allowed to enter the soil.

| CAS No     | Chemical name  |        |    |               |
|------------|--|--------|----|---------------|
|            | Method   | Value  | d  | Source        |
|            | Evaluation   |        |    |               |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)   |        |    |               |
|            | OECD 301B  | 21 %   | 28 | REACH Dossier |
|            | Not easily bio-degradable (according to OECD-criteria).  |        |    |               |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)  |        |    |               |
|            | OECD 301F  | 31 %   | 28 | REACH Dossier |
|            | Not easily bio-degradable (according to OECD-criteria).  |        |    |               |
| 68784-26-9 | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 |        |    |               |
|            | OECD 301B  | 13,4 % | 28 | REACH Dossier |
|            | Not easily bio-degradable (according to OECD-criteria).  |        |    |               |

**12.3. Bioaccumulative potential**

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No data available.

Do not allow uncontrolled discharge of product into the environment.

### Partition coefficient n-octanol/water

| CAS No     | Chemical name  | Log Pow |
|------------|--|---------|
| 68037-01-4 | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  | > 6,5   |
| 68784-26-9 | Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 | ca. 9,3 |

### 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

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.

### 12.7. Other adverse effects

Aquatic organisms: No data available.

Effects in sewage plants No data available.

No data available.

### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation. The waste codes stated are recommendations based on the expected use of the substance and may be re-assigned to other waste codes by the user, if applicable.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

#### List of Wastes Code - used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of this material and its container to hazardous or special waste collection point.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

#### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

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### Marine transport (IMDG)

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

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

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

#### EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):  
phenol, (tetrapropenyl) derivatives

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 30, Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 2,9.

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**Abbreviations and acronyms**

Asp. Tox. 1: Aspiration hazard, hazard category 1  
 Skin Corr. 1C: Skin corrosion, sub-category 1C  
 Eye Dam. 1: Serious eye damage, hazard category 1  
 Repr. 1B: Reproductive toxicity, hazard category 1B  
 Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation  
 intérieures)  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety  
 assessment, chapter R.20 (Table of terms and abbreviations).

**Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]**

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Aquatic Chronic 3; H412 | Calculation method       |

**Relevant H and EUH statements (number and full text)**

|       |   |
|-------|---|
| H304  | May be fatal if swallowed and enters airways. |
| H314  | Causes severe skin burns and eye damage.      |
| H318  | Causes serious eye damage.                    |
| H360F | May damage fertility.                         |
| H400  | Very toxic to aquatic life.                   |

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|      |   |
|------|---|
| H410 | Very toxic to aquatic life with long lasting effects.   |
| H412 | Harmful to aquatic life with long lasting effects.      |
| H413 | May cause long lasting harmful effects to aquatic life. |

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above data are intended to describe our product in terms of any safety requirements to be observed. They reflect the state of our current knowledge and experience and shall not be construed as warranted characteristics. Any warranty for accuracy and completeness shall be expressly excluded.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*