



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### ADDINOL Premium 020 C5

Revision date: 26.04.2021

Product code: 720965

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#### Hazardous components

| CAS No     | Chemical name                                                                 |          |                  | Quantity      |
|------------|-------------------------------------------------------------------------------|----------|------------------|---------------|
|            | EC No                                                                         | Index No | REACH No         |               |
|            | GHS Classification                                                            |          |                  |               |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified |          |                  | 80 - <= 100 % |
|            | 265-157-1                                                                     |          | 01-2119484627-25 |               |
|            | Asp. Tox. 1; H304                                                             |          |                  |               |
|            | C14-16-18 Alkyl phenol                                                        |          |                  | 0.5 - < 1 %   |
|            | 931-468-2                                                                     |          | 01-2119498288-1  |               |
|            | Skin Sens. 1B, STOT RE 2; H317 H373                                           |          |                  |               |

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 | 80 - <= 100 % |
|            | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg |                                                                               |               |
|            | 931-468-2                                              | C14-16-18 Alkyl phenol                                                        | 0.5 - < 1 %   |
|            | dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg |                                                                               |               |

#### Further Information

DMSO-Extrakt < 3 %, IP 346.

Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### 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

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

##### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

##### After ingestion

Do NOT induce vomiting.

Rinse mouth thoroughly with water. Call a physician immediately.

#### 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

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Atomized water. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable extinguishing media**

High power water jet.

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

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>). aldehydes. Hydrogen sulphide (H<sub>2</sub>S). Nitrogen oxides (NO<sub>x</sub>). Sulfur oxides. carbon black.

### 5.3. Advice for firefighters

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

#### **Additional information**

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### **General measures**

High slip hazard because of leaking or spilled product. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Avoid contact with skin, eyes and clothes.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Prevent spread over a wide area (e.g. by containment or oil barriers).

### 6.3. Methods and material for containment and cleaning up

#### **Other information**

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. Clean contaminated articles and floor according to the environmental legislation.

### 6.4. Reference to other sections

Refer to the provisions listed in Sections 8, 12 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Work in well-ventilated zones or use proper respiratory protection. Avoid oil mist If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid contact with skin, eyes and clothes.

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep container tightly closed in a cool place.

#### **Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agents.

#### **Further information on storage conditions**

Recommended storage temperature: 5 - 40°C

Protect against: heat. UV-radiation/sunlight. frost.

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

Motor oil. Further information: see technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL/DMEL values

| CAS No                   | Substance                                                                     | Exposure route | Effect   | Value                  |
|--------------------------|-------------------------------------------------------------------------------|----------------|----------|------------------------|
| 64742-54-7               | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified |                |          |                        |
| 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      |
|                          | C14-16-18 Alkyl phenol                                                        |                |          |                        |
| Worker DNEL, long-term   |                                                                               | inhalation     | systemic | 1,17 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |                                                                               | dermal         | systemic | 0,3 mg/kg bw/day       |

##### PNEC values

| CAS No                                           | Substance                                                                     | Value         |
|--------------------------------------------------|-------------------------------------------------------------------------------|---------------|
| 64742-54-7                                       | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified |               |
| Secondary poisoning                              |                                                                               | 9,33 mg/kg    |
|                                                  | C14-16-18 Alkyl phenol                                                        |               |
| Freshwater                                       |                                                                               | 0,1 mg/l      |
| Freshwater (intermittent releases)               |                                                                               | 1 mg/l        |
| Marine water                                     |                                                                               | 0,01 mg/l     |
| Freshwater sediment                              |                                                                               | 4266,16 mg/kg |
| Marine sediment                                  |                                                                               | 426,62 mg/kg  |
| Secondary poisoning                              |                                                                               | 3,3 mg/kg     |
| Micro-organisms in sewage treatment plants (STP) |                                                                               | 100 mg/l      |
| Soil                                             |                                                                               | 852,58 mg/kg  |

##### Additional advice on limit values

Recommended limit value for oil mist

TWA: 5 mg/m<sup>3</sup>

STEL: 10 mg/m<sup>3</sup>

The product does not contain any relevant quantities of substances with legally established exposure limitation.

#### 8.2. Exposure controls



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**Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations.

**Protective and hygiene measures**

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

**Eye/face protection**

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): DIN EN 166

**Hand protection**

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.7 mm.

Wearing time with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.4 mm

Protect skin by using skin protective cream.

**Skin protection**

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

**Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Breathing protection with filter against organic gases and vapours type A - boiling point > 65°C: A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

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

|                 |                |
|-----------------|----------------|
| Physical state: | liquid         |
| Colour:         | brown          |
| Odour:          | characteristic |

**Test method**

pH-Value: No data available

**Changes in the physical state**

Melting point: No data available

Boiling point or initial boiling point and boiling range: not determined

Pour point: -39 °C ASTM D 7346

Flash point: &gt; 230 °C DIN EN ISO 2592

**Flammability**

Solid/liquid: No data available

Gas: No data available

**Explosive properties**

No data available

Lower explosion limits: No data available

Upper explosion limits: No data available

Auto-ignition temperature: not determined

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**Self-ignition temperature**

Solid: No data available  
 Gas: No data available

Decomposition temperature: No data available

**Oxidizing properties**

No data available

Vapour pressure: No data available

Density (at 15 °C): 0,841 g/cm<sup>3</sup> DIN 51757

Water solubility: virtually insoluble

**Solubility in other solvents**

No data available

Partition coefficient n-octanol/water: No data available

Viscosity / kinematic:  
 (at 100 °C) 8,25 mm<sup>2</sup>/s ASTM D 7042

Relative vapour density: No data available

Evaporation rate: No data available

**9.2. Other information**

No data available

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

The product is stable under storage at normal ambient temperatures.

**10.2. Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

**10.5. Incompatible materials**

Reacts with : Oxidizing agents, strong. Acid.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>). aldehydes. Hydrogen sulphide (H<sub>2</sub>S). Nitrogen oxides (NO<sub>x</sub>). Sulfur oxides. carbon black.

**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.

Mixture not tested.

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| CAS No     | Chemical name                                                                 |                      |         |                     |                    |
|------------|-------------------------------------------------------------------------------|----------------------|---------|---------------------|--------------------|
|            | Exposure route                                                                | Dose                 | Species | Source              | Method             |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified |                      |         |                     |                    |
|            | oral                                                                          | LD50 > 5000<br>mg/kg | Rat     | Study report (1982) | OECD Guideline 401 |
|            | dermal                                                                        | LD50 > 5000<br>mg/kg | Rabbit  | Study report (1982) | OECD Guideline 402 |
|            | C14-16-18 Alkyl phenol                                                        |                      |         |                     |                    |
|            | oral                                                                          | LD50 > 2000<br>mg/kg | Rat     | Study report (2014) | OECD Guideline 423 |
|            | dermal                                                                        | LD50 > 2000<br>mg/kg | Rat     | Study report (2015) | OECD Guideline 402 |

#### Irritation and corrosivity

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

#### Sensitising effects

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

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

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

#### STOT-single exposure

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

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.  
Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

#### Aspiration hazard

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

#### Specific effects in experiment on an animal

No data available

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

not applicable

### SECTION 12: Ecological information

#### 12.1. Toxicity

No data available

Preparation not tested.

| CAS No     | Chemical name                                                                 |                      |           |                     |                                   |                                         |
|------------|-------------------------------------------------------------------------------|----------------------|-----------|---------------------|-----------------------------------|-----------------------------------------|
|            | Aquatic toxicity                                                              | Dose                 | [h]   [d] | Species             | Source                            | Method                                  |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified |                      |           |                     |                                   |                                         |
|            | Acute fish toxicity                                                           | LL50 > 100<br>mg/l   | 96 h      | Pimephales promelas | Study report (1995)               | OECD Guideline 203                      |
|            | Acute algae toxicity                                                          | ErC50 >100<br>mg/l   | 72 h      |                     |                                   |                                         |
|            | Fish toxicity                                                                 | NOEC >= 1000<br>mg/l | 14 d      | Oncorhynchus mykiss | CONCAWE, Brussels, Belgium (2010) | The aquatic toxicity was estimated by a |

#### 12.2. Persistence and degradability

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

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**12.3. Bioaccumulative potential**

No data available

**Partition coefficient n-octanol/water**

| CAS No | Chemical name          | Log Pow    |
|--------|------------------------|------------|
|        | C14-16-18 Alkyl phenol | > 16000000 |

**12.4. Mobility in soil**

Due to its low solubility in water the product is almost completely mechanically separated in biological waste water treatment plants.

**12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**12.6. Endocrine disrupting properties**

not applicable

**12.7. Other adverse effects**

No data available

**Further information**

Do not allow uncontrolled leakage of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

**List of Wastes Code - residues/unused products**

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and lubricating oils; hazardous waste

**Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation. Packing which cannot be properly cleaned must be thrown away.

**SECTION 14: Transport information****Land transport (ADR/RID)**

- 14.1. UN number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

**Inland waterways transport (ADN)**

- 14.1. UN number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

**Marine transport (IMDG)**

- 14.1. UN number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

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



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**14.1. UN number:** -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

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

not applicable

**Other applicable information**

No dangerous good in sense of these transport regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information****Abbreviations and acronyms**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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

H304 May be fatal if swallowed and enters airways.  
 H317 May cause an allergic skin reaction.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 EUH208 Contains C14-16-18 Alkyl phenol. May produce an allergic reaction.  
 EUH210 Safety data sheet available on request.

**Further Information**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

These given data only refer to the named product. If the product is used together with other materials or in manufacturing processes the data might not be applicable any more. The data are based on today's state of our knowledge and experience. They are, however, no guarantee of any specific product properties and do not established any legally valid contractual relationship. 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.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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