

**VENOL Synthesis Premium Plus SN CF 5W30 C3**

Creation date

16th May 2024

Revision date

Version

5.0

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier** VENOL Synthesis Premium Plus SN CF 5W30 C3

Substance / mixture

mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Mixture's intended use**

Engine oil

**Main intended use**

PC-TEC-11

Lubricants, greases, release agents

**Mixture uses advised against**

The product should not be used in ways other than those referred in Section 1.

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

Name or trade name

VENOL MOTOR OIL Spółka z ograniczoną odpowiedzialnością

Address

Łódzka 107, Łódź, 93-232

Poland

Phone

+48 42 649 15 68

E-mail

venol@venol.pl

Web address

venol.de

**Competent person responsible for the safety data sheet**

Name

Laboratorium VENOL MOTOR OIL

E-mail

laboratorium@venol.de

**1.4. Emergency telephone number**

European emergency number: 112

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Aquatic Chronic 3, H412

**Most serious adverse effects on human health and the environment**

Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Hazard statements**

H412

Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273

Avoid release to the environment.

P501

Dispose of contents/container to to accordance with all national regulations.

**2.3. Other hazards**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers  | Substance name   | Content in % weight | Classification according to Regulation (EC) No 1272/2008   | Note    |
|---|--|---------------------|--|---------|
| Index: 649-467-00-8<br>CAS: 64742-54-7<br>EC: 265-157-1<br>Registration number: 01-2119484627-25-XXXX | Distillates (petroleum), hydrotreated heavy paraffinic   | 40-50               | Asp. Tox. 1, H304  | 1, 4, 5 |
| Index: 649-467-00-8<br>CAS: 64742-54-7<br>EC: 265-157-1   | Distillates (petroleum), hydrotreated heavy paraffinic; Base oil - unspecified   | 35-45               |  | 1, 4    |
| Index: 649-467-00-8<br>CAS: 64742-54-7<br>EC: 265-157-1<br>Registration number: 01-2119484627-25-XXXX | Distillates (petroleum), hydrotreated heavy paraffinic   | 1.56-2.6            | not classified as dangerous  | 2, 6    |
| Index: 649-474-00-6<br>CAS: 64742-65-0<br>EC: 265-169-7<br>Registration number: 01-2119471299-27-XXXX | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified   | <2                  | Asp. Tox. 1, H304  | 4       |
| CAS: 68784-26-9<br>EC: 701-251-5<br>Registration number: 01-2119524004-56-XXXX                        | 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 | 0.52-1.04           | Aquatic Chronic 4, H413  |         |
| Index: 649-468-00-3<br>CAS: 64742-55-8<br>EC: 265-158-7<br>Registration number: 01-2119487077-29-XXXX | Distillates (petroleum), hydrotreated light paraffinic   | <0.5                | Asp. Tox. 1, H304  | 1, 5    |
| Index: 649-469-00-9<br>CAS: 64742-56-9<br>EC: 265-159-2<br>Registration number: 01-2119480132-48-XXXX | Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil - unspecified  | <0.5                | Asp. Tox. 1, H304  |         |
| Index: 604-092-00-9<br>CAS: 74499-35-7  | phenol, (tetrapropenyl) derivatives  | 0.0104-<br><0.0312  | Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Repr. 1B, H360F<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10) | 3       |
| Index: 612-026-00-5<br>CAS: 122-39-4<br>EC: 204-539-4   | diphenylamine  | 0.0104-<br>0.0312   | Acute Tox. 3, H301+H311+H331<br>STOT RE 2 (**), H373<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)         |         |

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**Notes**

**\*\* another exposure route cannot be ruled out**

- 1 *Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.*
- 2 *Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.*
- 3 *The use of the substance is restricted by Annex XVII of REACH Regulation*
- 4 *Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.*
- 5 *Fulfilled Note L*
- 6 *Fulfilled Note L*

Full text of all classifications and hazard statements is given in the section 16.

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

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

**If inhaled**

Move the victim to fresh air, keep him warm and calm. Contact a doctor if disturbing symptoms occur.

**If on skin**

Take off contaminated clothing. Wash contaminated skin with plenty of soap and water, and then rinse with water. In case of disturbing symptoms, consult a doctor. Wash clothes before reuse.

**If in eyes**

Protect non-irritated eye, remove contact lenses. Rinse contaminated eyes thoroughly with water for at least 10 minutes. with open eyelids. Avoid strong water stream - risk of cornea damage. Consult a doctor if disturbing symptoms occur.

**If swallowed**

Do not induce vomiting. For spontaneous vomiting lean the victim forward in order to minimize the risk of aspiration. Do not administer milk, grease, alcohol. Never put anything into mouth of an unconscious person. Consult a physician if any worrying affections occur.

**4.2. Most important symptoms and effects, both acute and delayed****If inhaled**

For a high vapour concentration the product may cause headache and dizziness, irritation of mucus membranes of the respiratory system, during prolonged exposure, aberrations of the central nervous system, movement coordination troubles, confusion, drowsiness, inconscience.

**If on skin**

For a prolonged contact possible dryness, skin cracking and chronic dermatitis.

**If in eyes**

Redness, tearing, burning.

**If swallowed**

Nausea, stomach pain, vomiting, diarrhoea.

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

Decision on the method of the helping procedure shall be made by a physician after a thorough assessment of the victim's condition. Symptomatic treatment.

**More information**

Other relevant information is not available.

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**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Foams, water mist, dry agents, CO<sub>2</sub>.**Unsuitable extinguishing media**

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

**5.3. Advice for firefighters**

The product is not classified as flammable. Cool containers exposed to fire from a safe distance with a spray of water. Collect used extinguishing media. Do not allow them to enter surface water, ground water and soil. Use general protection measures typical in the event of fire. Do not stay in the fire endangered area without suitable chemical-resistant clothing and a self-contained breathing apparatus. Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

For non emergency personnel: restrict access of outsiders to the affected area until appropriate decontamination operations have been finished. For large releases insulate the threatened area. Do not inhale vapours and aerosols. Avoid skin and eye contact. Remove all ignition sources, extinguish open fire, do not smoke. Use personal protective equipment. Spilt oil may cause slippery surface. For emergency responders: ensure that the failure and its effects are removed by trained personnel only. Use personal protection. Do not inhale vapours. Avoid skin and eye contact.

**6.2. Environmental precautions**

Do not dispose to drains, surface and ground water. For release of bigger amounts of the mixture take measures to prevent spreading in the environment. Notify relevant rescue services.

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

Place a damaged packaging in a substitute pack. Collect spill with non-flammable materials absorbing liquids (e.g. sand, soil, diatomaceous earth, vermiculite) and place it in closed containers. Treat the collected material as waste. Clean the contaminated place with water and detergent. Do not use sparking tools.

**6.4. Reference to other sections**

See the Section 7, 8 and 13.

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

Work in accordance with health and safety rules. Do not eat, drink or smoke while working. Avoid eye and skin contact. Do not inhale vapours and aerosols. Wash your hands before a break and after finish of work. Ensure proper ventilation. Remove ignition sources - do not smoke. Do not use sparking tools. Containers not in use keep closed tight. Keep contaminated/soaked clothing away from heat and ignition sources.

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

Store only in a cool and well ventilated place. Do not store together with food, groceries and animal feed. Avoid direct sunlight, heat and ignition sources. Do not store together with incompatible substances (see section 10).

**The specific requirements or rules relating to the substance/mixture**

Do not allow contact with water.

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

No information about uses other than those mentioned in subsection 1.2.

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

The mixture contains substances for which occupational exposure limits are set.

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### DNEL

| Distillates (petroleum), hydrotreated heavy paraffinic |                   |                       |                          |
|--|-------------------|-----------------------|--------------------------|
| Workers / consumers                                    | Route of exposure | Value                 | Effect                   |
| Workers  | Inhalation        | 2.7 mg/m <sup>3</sup> | Chronic effects systemic |
| Workers  | Inhalation        | 5.4 mg/m <sup>3</sup> | Chronic effects local    |
| Consumers  | Inhalation        | 1.2 mg/m <sup>3</sup> | Chronic effects local    |
| Consumers  | Oral              | 0.74 mg/kg            | Chronic effects systemic |
|  | Dermal            | 1.0 mg/kg             | Chronic effects systemic |

### 8.2. Exposure controls

Observe general safety and health protection rules. Do not eat, drink or smoke while working. Wash your hands thoroughly before a break and after finish of work. Avoid skin and eye contact. Provide general and/or local ventilation at a work place in order to maintain the hazardous agent concentration in the air below the set values of exposure limits.

#### Eye/face protection

Use protective goggles if a risk of splash occurs.

#### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Not required if there is a proper ventilation.

#### Thermal hazard

Data not available.

#### Environmental exposure controls

Avoid discharges to the environment, do not dispose to drains. Possible emissions from ventilation systems and process equipment should be checked for their conformity with the environmental protection law requirements.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                                      |
|--|--------------------------------------|
| Physical state   | liquid                               |
| Colour   | brown                                |
| Odour  | characteristic of petroleum products |
| Melting point/freezing point                             | data not available                   |
| Boiling point or initial boiling point and boiling range | data not available                   |
| Flammability   | data not available                   |
| Lower and upper explosion limit                          | data not available                   |
| Flash point  | ≥210 °C                              |
| Auto-ignition temperature                                | data not available                   |
| Decomposition temperature                                | data not available                   |
| pH   | non-soluble (in water)               |
| Kinematic viscosity                                      | 57-67 mm <sup>2</sup> /s at 40 °C    |
| Solubility in water                                      | insoluble                            |
| Solubility In organic solvents and liquid hydrocarbons   | soluble                              |
| Partition coefficient n-octanol/water (log value)        | data not available                   |
| Vapour pressure  | data not available                   |
| Density and/or relative density                          | data not available                   |
| Relative vapour density                                  | data not available                   |
| Particle characteristics                                 | data not available                   |
| Form   | liquid                               |

### 9.2. Other information

|  |          |
|--|----------|
| Oxidising properties   | not show |
| Explosive properties   | not show |
| kinematic viscosity (100°C): 10.5 - 12.5 mm <sup>2</sup> /s viscosity index:160 min. pour point: -40°C |          |

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactive product. Does not undergo hazardous polymerization. See also section 10.3 - 10.5.

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

Avoid exposure to direct sunlight, heat and ignition sources.

#### 10.5. Incompatible materials

Avoid contact with strong oxidants.

#### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

### SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

| Distillates (petroleum), hydrotreated heavy paraffinic |                  |          |             |               |                         |     |
|--|------------------|----------|-------------|---------------|-------------------------|-----|
| Route of exposure                                      | Parameter        | Method   | Value       | Exposure time | Species                 | Sex |
| Oral   | LD <sub>50</sub> | OECD 401 | >5000 mg/kg |               | Rat (Rattus norvegicus) |     |
| Dermal   | LD <sub>50</sub> | OECD 402 | >5000 mg/kg |               | Rabbit                  |     |
| Inhalation   | LD <sub>50</sub> | OECD 403 | 5.53 mg/l   | 4 hours       | Rat (Rattus norvegicus) |     |
| Oral   | LD <sub>50</sub> |          | >5000 mg/kg |               | Rat (Rattus norvegicus) |     |
| Skin   | LD <sub>50</sub> |          | >3000 mg/kg |               | Rabbit                  |     |

| Distillates (petroleum), hydrotreated heavy paraffinic; Base oil - unspecified |                  |        |             |               |                         |     |
|--|------------------|--------|-------------|---------------|-------------------------|-----|
| Route of exposure  | Parameter        | Method | Value       | Exposure time | Species                 | Sex |
| Oral   | LD <sub>50</sub> |        | >5000 mg/kg |               | Rat (Rattus norvegicus) |     |
| Inhalation   | LC <sub>50</sub> |        | >5.53 mg/l  |               | Rat (Rattus norvegicus) |     |
| Dermal   | LD <sub>50</sub> |        | >5000 mg/kg |               | Rabbit                  |     |

| Distillates (petroleum), hydrotreated light paraffinic |                  |        |                        |               |                         |     |
|--|------------------|--------|------------------------|---------------|-------------------------|-----|
| Route of exposure                                      | Parameter        | Method | Value                  | Exposure time | Species                 | Sex |
| Inhalation   | LC <sub>50</sub> |        | 3900 mg/m <sup>3</sup> | 4 hours       | Rat (Rattus norvegicus) |     |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified |                  |        |             |               |                         |     |
|--|------------------|--------|-------------|---------------|-------------------------|-----|
| Route of exposure  | Parameter        | Method | Value       | Exposure time | Species                 | Sex |
| Oral   | LD <sub>50</sub> |        | >5000 mg/kg |               | Rat (Rattus norvegicus) |     |
| Dermal   | LD <sub>50</sub> |        | >5000 mg/kg |               | Rabbit                  |     |
|  | LC <sub>50</sub> |        | >5 mg/l     |               |                         |     |

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### Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil - unspecified

| Route of exposure | Parameter        | Method | Value       | Exposure time | Species                 | Sex |
|-------------------|------------------|--------|-------------|---------------|-------------------------|-----|
| Oral              | LD <sub>50</sub> |        | >5000 mg/kg |               | Rat (Rattus norvegicus) |     |
| Dermal            | LD <sub>50</sub> |        | >5000 mg/kg |               | Rabbit                  |     |
| Inhalation        | LC <sub>50</sub> |        | >5.53 mg/l  | 4 hours       |                         |     |

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### 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.

#### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

#### Aspiration hazard

Based on available data the classification criteria are not met.

### 11.2. Information on other hazards

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

#### Acute toxicity

### Distillates (petroleum), hydrotreated heavy paraffinic

| Parameter        | Method   | Value       | Exposure time | Species                                 | Environment |
|------------------|----------|-------------|---------------|---|-------------|
| LL <sub>50</sub> | OECD 203 | >100 mg/l   | 96 hours      | Fish (Pimephales promelas)              |             |
| EC <sub>50</sub> | OECD 202 | >1000 mg/kg | 48 hours      | Daphnia (Daphnia magna)                 |             |
| EC <sub>50</sub> | OECD 201 | >100 mg/kg  | 72 hours      | Algae (Pseudokirchneriella subcapitata) |             |

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### Distillates (petroleum), hydrotreated heavy paraffinic

| Parameter | Method   | Value    | Exposure time | Species                                 | Environment |
|-----------|----------|----------|---------------|---|-------------|
| NOEC      | OECD 201 | 100 mg/l | 72 hours      | Algae (Pseudokirchneriella subcapitata) |             |

### Distillates (petroleum), hydrotreated light paraffinic

| Parameter        | Method | Value      | Exposure time | Species                    | Environment |
|------------------|--------|------------|---------------|----------------------------|-------------|
| LC <sub>50</sub> |        | 5000 mg/kg | 96 hours      | Fish (Oncorhynchus mykiss) |             |
| EC <sub>50</sub> |        | 1000 mg/kg | 48 hours      | Daphnia (Daphnia magna)    |             |

### Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified

| Parameter        | Method | Value      | Exposure time | Species                                 | Environment |
|------------------|--------|------------|---------------|---|-------------|
| LL <sub>50</sub> |        | 100 mg/l   | 96 hours      | Fish (Pimephales promelas)              |             |
| EC <sub>50</sub> |        | >1000 mg/l | 48 hours      | Daphnia (Daphnia magna)                 |             |
| EC <sub>50</sub> |        | >100 mg/l  | 72 hours      | Algae (Pseudokirchneriella subcapitata) |             |

### Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil - unspecified

| Parameter        | Method   | Value       | Exposure time | Species                    | Environment |
|------------------|----------|-------------|---------------|----------------------------|-------------|
| LL <sub>50</sub> | OECD 203 | >100 mg/l   | 96 hours      | Fish (Pimephales promelas) |             |
| EC <sub>50</sub> | OECD 202 | >10000 mg/l | 48 hours      | Daphnia (Daphnia magna)    |             |

### Chronic toxicity

#### Distillates (petroleum), hydrotreated heavy paraffinic

| Parameter | Method   | Value   | Exposure time | Species                 | Environment |
|-----------|----------|---------|---------------|-------------------------|-------------|
| NOEC      | OECD 211 | 10 mg/l | 21 days       | Daphnia (Daphnia magna) |             |

#### Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified

| Parameter | Method | Value    | Exposure time | Species                                 | Environment |
|-----------|--------|----------|---------------|---|-------------|
| NOEC      |        | 10 mg/l  | 21 days       | Daphnia (Daphnia magna)                 |             |
| NOEC      |        | 100 mg/l | 72 hours      | Algae (Pseudokirchneriella subcapitata) |             |

#### Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil - unspecified

| Parameter | Method   | Value     | Exposure time | Species                                 | Environment |
|-----------|----------|-----------|---------------|---|-------------|
| NOEC      | OECD 211 | >10 mg/l  | 21 days       | Daphnia (Daphnia magna)                 |             |
| NOEC      | OECD 201 | >100 mg/l | 72 hours      | Algae (Pseudokirchneriella subcapitata) |             |



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**12.2. Persistence and degradability**

Data not available.

**Biodegradability****Distillates (petroleum), hydrotreated heavy paraffinic; Base oil - unspecified**

| Parameter | Value  | Exposure time | Environment | Result               |
|-----------|--------|---------------|-------------|----------------------|
|           | 2-31 % | 28 days       |             | Hardly biodegradable |

**12.3. Bioaccumulative potential**

Data not available.

**12.4. Mobility in soil**

Product spreads in the soil; It can penetrate deep into the soil and cause pollution groundwater. Mobility of the components of the mixture depends on their hydrophilic and hydrophobic properties and abiotic and biotic conditions of the soil, including its structure, climatic conditions and organisms soil, (mainly bacteria, fungi, algae, invertebrates).

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

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Endocrine disrupting properties**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**12.7. Other adverse effects**

The mixture is not classified as posing a threat to the ozone layer. Consider the possibility other harmful effects of the individual components of the mixture on the environment (eg disturbance of the hormonal economy). Low volatility product. Hydrocarbons being components of a product exhibit a low tendency to penetrate into the atmosphere. Water insoluble. Is gathering on water surface forming a layer that hinders the oxygen exchange. High molecular weight hydrocarbons. They can sediment in water.

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

Niebezpieczeństwo skażenia środowiska, postępuj zgodnie z Ustawą Dz. U.2013 r., poz.21 o odpadach oraz przepisami wykonawczymi dotyczącymi utylizacji odpadów. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling. The waste code should be given at the place of its production.

**Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

**SECTION 14: Transport information****14.1. UN number or ID number**

not subject to transport regulations

**14.2. UN proper shipping name**

not relevant

**14.3. Transport hazard class(es)**

not relevant

**14.4. Packing group**

not relevant

**14.5. Environmental hazards**

not relevant

**14.6. Special precautions for user**

Reference in the Sections 4 to 8.

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

not relevant

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

phenol, (tetrapropenyl) derivatives

| Restriction | Conditions of restriction  |
|-------------|--|
| 30          | <p>1. Shall not be placed on the market, or used,</p> <ul style="list-style-type: none"> <li>— as substances,</li> <li>— as constituents of other substances, or,</li> <li>— in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: <ul style="list-style-type: none"> <li>— either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,</li> <li>— the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.</li> </ul> </li> </ul> <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</p> <p>“Restricted to professional users”.</p> <p>2. By way of derogation, paragraph 1 shall not apply to:</p> <ul style="list-style-type: none"> <li>(a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC;</li> <li>(b) cosmetic products as defined by Directive 76/768/EEC;</li> <li>(c) the following fuels and oil products: <ul style="list-style-type: none"> <li>— motor fuels which are covered by Directive 98/70/EC,</li> <li>— mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li> <li>— fuels sold in closed systems (e.g. liquid gas bottles);</li> </ul> </li> <li>(d) artists’ paints covered by Regulation (EC) No 1272/2008;</li> <li>(e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.</li> <li>(f) devices covered by Regulation (EU) 2017/745.</li> </ul> |

### 15.2. Chemical safety assessment

Chemical safety assessment for the mixture is not required.

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

|                |  |
|----------------|--|
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled.            |
| 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.  |
| H373           | May cause damage to organs through prolonged or repeated exposure. |
| H400           | Very toxic to aquatic life.  |
| H410           | Very toxic to aquatic life with long lasting effects.              |

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H412

Harmful to aquatic life with long lasting effects.

H413

May cause long lasting harmful effects to aquatic life.

**Guidelines for safe handling used in the safety data sheet**

P273

Avoid release to the environment.

P501

Dispose of contents/container to to accordance with all national regulations.

**Other important information about human health protection**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

**Key to abbreviations and acronyms used in the safety data sheet**

Acute Tox.

Acute toxicity

ADR

European agreement concerning the international carriage of dangerous goods by road

Aquatic Acute

Hazardous to the aquatic environment

Aquatic Chronic

Hazardous to the aquatic environment (chronic)

Asp. Tox.

Aspiration hazard

BCF

Bioconcentration Factor

CAS

Chemical Abstracts Service

CLP

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

EC

Identification code for each substance listed in EINECS

EC<sub>50</sub>

Concentration of a substance when it is affected 50 % of the population

EINECS

European Inventory of Existing Commercial Chemical Substances

EmS

Emergency plan

EU

European Union

EuPCS

European Product Categorisation System

Eye Dam.

Serious eye damage

IATA

International Air Transport Association

IBC

International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals

ICAO

International Civil Aviation Organization

IMDG

International Maritime Dangerous Goods

IMO

International Maritime Organization

INCI

International Nomenclature of Cosmetic Ingredients

ISO

International Organization for Standardization

IUPAC

International Union of Pure and Applied Chemistry

LC<sub>50</sub>

Lethal concentration of a substance in which it can be expected death of 50% of the population

LD<sub>50</sub>

Lethal dose of a substance in which it can be expected death of 50% of the population

LL<sub>50</sub>

Lethal Loading for 50 % of tested organisms

log K<sub>ow</sub>

Octanol-water partition coefficient

NOEC

No observed effect concentration

OEL

Occupational Exposure Limits

PBT

Persistent, bioaccumulative and toxic

ppm

Parts per million

REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals

Repr.

Reproductive toxicity

RID

Agreement on the transport of dangerous goods by rail

Skin Corr.

Skin corrosion

STOT RE

Specific target organ toxicity - repeated exposure

UN

Four-figure identification number of the substance or article taken from the UN Model Regulations

UVCB

Substances of unknown or variable composition, complex reaction products or biological materials

VOC

Volatile organic compounds

vPvB

Very persistent and very bioaccumulative



# SAFETY DATA SHEET



according to Commission Regulation (EU) 2020/878 as amended

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### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

Version 5.0 replaces the SDS version of 02/02/2021. Changes have been made to Sections 1, 2, 12, 13, 15 and 16.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.