

**Engine Oil Diesel 5W-40****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**Product identifier:

- Trade name: Engine Oil Diesel 5W-40

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

Relevant identified uses: oil for diesel engines.

Uses advised against: do not use this chemical for any purpose other than as described in the "Relevant identified uses".

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

Supplier: Würth Gulf FZE  
Address: P.O.Box:17036, Jebel Ali Freezone, South 6, Dubai, U.A.E  
Telephone number: +971 50 858 2034  
Email address for a competent person responsible for the safety data sheet: info@wurth.ae

**1.4. Emergency telephone number**

Unified emergency number: 112

**SECTION 2. HAZARD IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Serious eye damage / eye irritation, Category 2; H319

Full text of H-statements: see Section 16.

Physical and chemical hazards: the chemical is not classified as hazardous based on its physical and chemical properties.

Human health hazards: causes serious eye irritation. Sensitive people may experience an allergic reaction in contact with the skin.

Environmental hazards: the chemical is not classified as hazardous to the environment.

**2.2. Label elements**

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

Product identifier:

- Trade name: Engine Oil Diesel 5W-40

Hazard pictograms:

## Engine Oil Diesel 5W-40



GHS07

Signal word: WARNING

Hazard statements:

H319: Causes serious eye irritation.

Precautionary statements:

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

Supplemental information:

EUH208: Contains benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction.

### 2.3. Other hazards

The mixture does not contain substance(s) that meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) at a concentration equal to or greater than 0,1 %.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

Other hazards which do not result in classification: the chemical is not classified as flammable, but it can burn.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Product identifier	Chemical name	Classification <sup>1</sup>	SCL, M-factor, ATE	Concentration, % (m/m)
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<sup>1</sup> According to Regulation (EC) No. 1272/2008 (CLP)

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<b>Index:</b> 649-467-00-8 <b>CAS:</b> 64742-54-7 <b>EC:</b> 265-157-1 <b>REACH:</b> -	Distillates (petroleum), hydrotreated heavy paraffinic <i>(Note L)</i>	not classified	-	< 90
<b>Index:</b> 649-474-00-6 <b>CAS:</b> 64742-65-0 <b>EC:</b> 265-169-7 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed heavy paraffinic <i>(Note L)</i>	not classified	-	< 6
<b>Index:</b> 649-465-00-7 <b>CAS:</b> 64742-52-5 <b>EC:</b> 265-155-0 <b>REACH:</b> -	Distillates (petroleum), hydrotreated heavy naphthenic <i>(Note L)</i>	not classified	-	< 6
<b>Index:</b> 649-469-00-9 <b>CAS:</b> 64742-56-9 <b>EC:</b> 265-159-2 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed light paraffinic <i>(Note L)</i>	Asp. Tox. 1; H304	-	< 3
<b>Index:</b> - <b>CAS:</b> 85940-28-9 <b>EC:</b> 288-917-4 <b>REACH:</b> 01- 2119521201-61	zinc bis(O,O-2-ethylhexyl and isobutyl and isopropyl dithiophosphate)	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411	-	0,5 < C < 1,1
<b>Index:</b> - <b>CAS:</b> 70024-69-0 <b>EC:</b> 274-263-7 <b>REACH:</b> -	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	Skin Sens. 1B; H317	<sup>2</sup> Skin Sens. 1B; H317: 10 % ≤ C ≤ 100 %	0,5 < C < 1,1
<b>Index:</b> - <b>CAS:</b> 68411-46-1 <b>EC:</b> 270-128-1 <b>REACH:</b> 01- 2119491299-23	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Repr. 2; H361f	-	0,5 < C < 1,1
<b>Index:</b> - <b>CAS:</b> 1305-62-0 <b>EC:</b> 215-137-3 <b>REACH:</b> 01- 2119475151-45	Calcium dihydroxide	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	-	< 0,01

<sup>2</sup> SCL is taken from the C&L (EU) Classification and Labeling Inventory.

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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.

Substances *Distillates (petroleum), hydrotreated heavy paraffinic, Distillates (petroleum), solvent-dewaxed heavy paraffinic, Distillates (petroleum), hydrotreated heavy naphthenic* and *Distillates (petroleum), solvent-dewaxed light paraffinic* are not classified as carcinogenic substances, because contain less than 3% of dimethyl sulphoxide extract as measured by IP 346 method.

Full text of H- and EUH-statements: see Section 16.

**SECTION 4. FIRST AID MEASURES****4.1. Description of first aid measures**

First-aid measures after inhalation: remove affected person to fresh air, keep warm and rest. If the injured person is unconscious, place him in the recovery position, loosen tight clothing, control and maintain airway patency. In case of difficulty breathing, give oxygen. If respiratory arrest occurs, apply artificial respiration by adequately trained personnel. In case of loss of consciousness, breathing disorders or persistent symptoms, provide immediate medical assistance.

First-aid measures after skin contact: remove contaminated clothing and shoes immediately. Wash the exposed parts of the skin with mild soap and rinse well with water. Consult a doctor if symptoms occur and persist.

First-aid measures after eye contact: rinse the eyes thoroughly with running water, remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. During flushing, keep the eyelids wide open and move eyeballs. Consult a doctor if symptoms occur and persist. When rinsing, do not use a strong jet of water, as it can damage the cornea.

First-aid measures after ingestion: do not induce vomiting. Seek immediate medical attention. In cases of spontaneous vomiting, lower the head as low as possible to the ground to prevent aspiration into the lungs. If the person is conscious, give them a large amount of water to drink. Do not give milk, fat or alcohol. If any of the following delayed signs and symptoms appear within the next 6 hours, transport the injured person to the nearest medical facility: fever greater than 38,3°C, shortness of breath, chest congestion, continuous coughing or wheezing.

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

Symptoms / effects after inhalation: the chemical may be harmful when inhaled, it may cause irritation of the respiratory tract.

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Symptoms / effects after skin contact: repeated or prolonged exposure may cause dermatitis, due to the degreasing properties of the chemical. Signs and symptoms may include a burning sensation and/or a dry/cracked skin appearance. Sensitive people may experience an allergic reaction in contact with the skin.

Symptoms / effects after eye contact: direct contact of the chemical with the eyes leads to strong, reversible irritation. Exposure symptoms may include a burning sensation, increased tearing and redness.

Symptoms / effects after ingestion: irritation of the gastrointestinal tract, nausea, vomiting and diarrhea may occur. Through ingestion or vomiting after ingestion, the chemical may get into the lungs, causing chemical pneumonia. If the chemical gets into the lungs, signs and symptoms may include: coughing, choking, wheezing, difficulty breathing, chest tightness, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed several hours after exposure.

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

Do not induce vomiting. Do not give anything by mouth to the unconscious person. Show this safety data sheet to the medical staff.

Symptomatic treatment.

**SECTION 5. FIREFIGHTING MEASURES****5.1. Extinguishing media**

Suitable extinguishing media: alcohol-resistant foam, dry chemical powder extinguishers, carbon dioxide (CO<sub>2</sub>). Use water spray or water mist for cooling. Sand or earth may be used for small fires.

Unsuitable extinguishing media: strong water jet, because it may expand the fire.

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

A chemical with a high flash point. Smoke containing carbon oxides and other unidentified thermal decomposition products of higher hydrocarbons is released in the fire area. Avoid inhalation of combustion products, as they are a health hazard.

**5.3. Advice for firefighters**

Follow the procedures applicable to extinguishing fires involving chemicals.

In the event of a large fire, remove all persons not involved in the extinguishing process. If possible, cool containers exposed to fire or high temperature using water spray from a safe distance and remove them from the endangered area. Do not allow waste water from firefighting to enter drains and waterways. Waste water and residues after extinguishing must be removed and disposed of in accordance with applicable legal regulations.

Special protective equipment for firefighters: full fireproof protective clothing and self-contained breathing apparatus (SCBA).

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Engine Oil Diesel 5W-40****6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel: restrict access to the affected area until appropriate cleaning and removal measures have been implemented by personnel who have received adequate training in accident response.

For emergency responders: use individual protection measures (see Section 8). Avoid contact with eyes, skin and clothing. Do not breathe vapors and mists. If the spill occurred indoors, ensure adequate ventilation. Remove all sources of ignition, do not smoke and extinguish fire if it occurs (see Section 5).

**6.2. Environmental precautions**

Avoid the spread of the spilled chemical, its runoff and contact with the soil, waterways, drains or sewers. Notify the competent authorities if there is pollution of the environment (soil, watercourses or sewage).

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

Advice on how to contain a spill: if safe and possible, limit further spillage of the chemical by placing barriers and dikes around the spill area.

Advice on how to clean-up a spill: cover small spills with non-flammable, inert absorbent material (sand, earth, vermiculite) and collect in a suitable, closed and labeled container for disposal of this type of waste. Clean the contaminated area with water and a special detergent, then rinse with water. Collect large amounts of spilled chemicals mechanically by pumping them out. Dispose of the collected content in accordance with applicable regulations. If necessary, provide the help of experts who deal with the rehabilitation of this type of accident.

Other information relating to spills and releases: not data available.

**6.4. Reference to other sections**

See Section 8 for information on personal protection measures.

See Section 13 for information on waste treatment and disposal.

**SECTION 7. HANDLING AND STORAGE****7.1. Precautions for safe handling**

Precautions for safe handling: prevent the formation of vapors and mists in concentrations above the occupational exposure limits. Avoid breathing vapors and mists. Provide effective ventilation. Avoid contact with eyes, skin and clothing. Containers that have been opened must be carefully closed and kept in an upright position to prevent leakage of material.

Hygiene measures: observe safety measures at work, fire prevention and general hygiene measures. Do not eat, drink or smoke during handling. Before taking a break and after finishing work, wash your hands thoroughly. Remove contaminated clothing and protective equipment before entering eating areas. Wash soiled clothing before reuse.

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

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Store in tightly closed and labeled containers, in a cool and well-ventilated place with a non-absorbent, chemical-resistant substrate. Store away from heat sources. Protect from direct sunlight. Keep away from strong oxidizing agents.

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

Identified uses are listed in Subsection 1.2.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1. Control parameters**

Occupational exposure limit values (Workplace Exposure Limits):

Product identifier	Chemical name	LIMIT VALUES <sup>3</sup>				Notation
		8 h		15 min		
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
<b>Index: -</b> <b>CAS: 1305-62-0</b> <b>EC: 215-137-3</b> <b>REACH: 01-2119475151-45</b>	Calcium dihydroxide	1 (Respirable fraction)	-	4 (Respirable fraction)	-	-

The following data are available for mineral oil mist: TWA: 5 mg/m<sup>3</sup>; STEL: 10 mg/m<sup>3</sup>.

DNEL		
Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)		
Oral	Long term exposure - systemic effects	0,74 mg/kg bw/day (general population)
Dermal	Long term exposure - systemic effects	0,97 mg/kg bw/day (workers)
Inhalation	Long term exposure - local effects	5,58 mg/m <sup>3</sup> (workers)
	Long term exposure - systemic effects	2,73 mg/m <sup>3</sup> (workers)
Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0)		
Oral	Long term exposure - systemic effects	0,74 mg/kg bw/day (general population)
Dermal	Long term exposure - systemic effects	0,97 mg/kg bw/day (workers)
Inhalation	Long term exposure - local effects	5,58 mg/m <sup>3</sup> (workers)
	Long term exposure - systemic effects	2,73 mg/m <sup>3</sup> (workers)
Calcium dihydroxide (CAS: 1305-62-0)		

<sup>3</sup> COMMISSION DIRECTIVE (EU) 2017/164 - a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

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Inhalation	Acute/short term exposure - local effects	4 mg/m <sup>3</sup> (general population) 4 mg/m <sup>3</sup> (workers)
	Long term exposure - local effects	1 mg/m <sup>3</sup> (general population) 1 mg/m <sup>3</sup> (workers)

<b>PNEC</b>	
<b>Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)</b>	
PNEC oral (secondary poisoning, predators)	9,33 mg/kg food
<b>Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0)</b>	
PNEC oral (secondary poisoning)	9,33 mg/kg food
<b>Calcium dihydroxide (CAS: 1305-62-0)</b>	
PNEC water	490 µg/l (fresh water) 320 µg/l (marine water) 490 µg/l (intermittent, freshwater)
PNEC soil	1080 mg/kg dwt
PNEC STP	3 mg/l

## 8.2. Exposure controls

Appropriate engineering controls: provide local exhaust or general ventilation in rooms where the chemical is stored and used. It is recommended that eyewash stations be available in the work area. Engineering control measures should always be given priority over personal protection measures.

Individual protection measures: wash hands, forearms and face thoroughly after handling chemicals, before eating, drinking, smoking and going to the toilet. Wash contaminated clothing before reuse. Materials contaminated with chemicals should never be accumulated at workplaces and never carried in pockets.

Personal protective equipment:

- *Eye/face protection:* use safety glasses as protection against splashing liquid chemical into the eyes and in cases of prolonged exposure (EN 166).
- *Skin protection:*
  - *Hand protection:* wear protective gloves that are resistant to chemicals and meet the requirements of the relevant standards (EN 374). The following materials are recommended: viton, butyl rubber. Gloves must be periodically inspected and replaced in case of wear, perforation or contamination.

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- *Body protection*: wear a protective apron or suit made of chemical-resistant materials. Wear non-slip and oil-resistant safety shoes.

- *Respiratory protection*: under normal conditions of use, no special respiratory protective equipment is required. In case of increased vapours / mist concentration in the working area, above the occupational exposure limit values or in case of inadequate ventilation, use an approved respirator equipped with a suitable filter (EN 14387, EN 141). If exposure levels cannot be determined or estimated with adequate confidence, or if, for any reason, oxygen deprivation is possible, only self-contained breathing apparatus should be used. The selection of respiratory protective equipment should be made on the basis of specific activities, levels and expected duration of exposure.
- Thermal hazards: no data available.

Environmental exposure controls: do not allow the chemical to enter the environment by applying appropriate control measures.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	no data available
Odour:	no data available
Melting point/freezing point:	no data available
Boiling point or initial boiling point and boiling range:	no data available
Flammability:	no data available
Lower and upper explosion limit:	no data available
Flash point:	220°C
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
pH:	no data available
Kinematic viscosity:	~ 72 mm <sup>2</sup> /s at 40°C 11,5 mm <sup>2</sup> /s at 100°C
Solubility:	no data available
Partition coefficient n-octanol/water (log value):	no data available
Vapour pressure:	no data available
Density and/or relative density:	density: 865 kg/m <sup>3</sup> at 15°C (EN ISO 3675)
Relative vapour density:	no data available



## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006  
amended by Regulation (EU) 2020/878

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Version: 1.0

Date of compilation: 01.07.2024.

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Particle characteristics:

no data available

#### 9.2. Other information

Viscosity index: 155

Pour point: - 30°C

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1. Reactivity

The chemical is not reactive.

#### 10.2. Chemical stability

The chemical is stable under recommended storage and handling conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid exposure to high temperatures, open flames, sparks and other sources of ignition, as well as storage and mixing with incompatible materials.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 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. Available data on the acute toxicity of the ingredients of the mixture are listed in the following table.

Product identifier	Chemical name	Acute toxicity
<b>Index:</b> 649-467-00-8 <b>CAS:</b> 64742-54-7 <b>EC:</b> 265-157-1 <b>REACH:</b> -	Distillates (petroleum), hydrotreated heavy paraffinic	LD <sub>50</sub> : > 5000 mg/kg (rat, oral) LD <sub>50</sub> : > 2000 mg/kg (rabbit, dermal) LC <sub>50</sub> /4h: > 5,53 mg/l (rat, inhalation)

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<b>Index:</b> 649-474-00-6 <b>CAS:</b> 64742-65-0 <b>EC:</b> 265-169-7 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed heavy paraffinic	LD <sub>50</sub> : > 5000 mg/kg (rat, oral) LD <sub>50</sub> : > 2000 mg/kg (rabbit, dermal) LC <sub>50</sub> /4h: > 5,53 mg/l (rat, inhalation)
<b>Index:</b> 649-469-00-9 <b>CAS:</b> 64742-56-9 <b>EC:</b> 265-159-2 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed light paraffinic	LD <sub>50</sub> : > 5000 mg/kg (rat, oral) LD <sub>50</sub> : > 2000 mg/kg (rabbit, dermal) LC <sub>50</sub> /4h: > 5,53 mg/l (rat, inhalation)

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

Serious eye damage/irritation: the chemical is classified in Category 2 of this hazard class. Causes serious eye irritation.

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.

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.

Aspiration hazard: based on available data, the classification criteria are not met.

Information on likely routes of exposure: ingestion (swallowing), inhalation, skin/eye exposure.

Symptoms related to the physical, chemical and toxicological characteristics: if known, symptoms of exposure are listed in Subsection 4.2.

Delayed and immediate effects as well as chronic effects from short and long-term exposure: if known, the effects of exposure are listed in Subsection 4.2

Interactive effects: no data available.

Absence of specific data: no data available.

Mixtures: no data available.

Mixture versus substance information: no data available.

### 11.2. Information on other hazards

Endocrine disrupting properties: the mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated

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Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

Other information: no data available.

**SECTION 12. ECOLOGICAL INFORMATION****12.1. Toxicity**

Based on the available data, the classification criteria are not met. The chemical is not classified as dangerous to the environment.

**12.2. Persistence and degradability**

Available data for the ingredients of the mixture are listed in the table below.

Product identifier	Chemical name	Biodegradability
<b>Index:</b> 649-474-00-6 <b>CAS:</b> 64742-65-0 <b>EC:</b> 265-169-7 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed heavy paraffinic	inherently biodegradable
<b>Index:</b> 649-469-00-9 <b>CAS:</b> 64742-56-9 <b>EC:</b> 265-159-2 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed light paraffinic	inherently biodegradable

**12.3. Bioaccumulative potential**

Available data for the ingredients of the mixture are listed in the table below.

Product identifier	Chemical name	Partition coefficient n-octanol/water (Log Kow)	Bioconcentration factor (BCF)
<b>Index:</b> 649-474-00-6 <b>CAS:</b> 64742-65-0 <b>EC:</b> 265-169-7 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed heavy paraffinic	> 6 (literature data, potentially bioaccumulative)	no data available
<b>Index:</b> 649-469-00-9 <b>CAS:</b> 64742-56-9 <b>EC:</b> 265-159-2 <b>REACH:</b> -	Distillates (petroleum), solvent-dewaxed light paraffinic	> 6 (literature data, potentially bioaccumulative)	no data available

**12.4. Mobility in soil**

No data available.

**Engine Oil Diesel 5W-40****12.5. Results of PBT and vPvB assessment**

The mixture does not contain substance(s) that meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) at a concentration equal to or greater than 0,1 %.

**12.6. Endocrine disrupting properties**

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

**12.7. Other adverse effects**

No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Waste treatment methods: waste generation should be avoided or minimized whenever possible. For further disposal and treatment of contaminated packaging and unused chemicals, contact an authorized operator. All waste disposal procedures must be in accordance with the requirements of environmental protection and applicable regulations.

Avoid discharge into the sewage system.

Waste treatment of contaminated packaging: the treatment and disposal of contaminated packaging must comply with the regulations in force. Empty containers should be recycled or disposed of in accordance with current regulations. Since empty containers may retain chemical residues, follow the warnings on the label.

Regulations related to waste management:

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

**SECTION 14. TRANSPORT INFORMATION**

The chemical is not classified as dangerous according to the current regulations governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG), air (ICAO TI) and inland waterways (ADN).

**14.1. UN number or ID number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

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

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Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Mixture is environmentally hazardous (ADR / RID / ADN): NO.

Marine pollutant (IMDG): NO.

**14.6. Special precautions for user**

Not applicable.

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

Not applicable.

**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 a 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 of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006, 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)

**15.2. Chemical safety assessment**

Chemical safety assessment has not been carried out.

**SECTION 16. OTHER INFORMATION**

Indication of changes: not applicable; first edition (first version).

Abbreviations and acronyms:

CAS: Chemical Abstracts Service

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, labeling and packaging of substances and mixture

SCL: Specific Concentration Limit

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ATE: **A**cute **T**oxicity **E**stimate

PBT: **P**ersistent, **B**ioaccumulative and **T**oxic

vPvB: **V**ery **P**ersistent and **V**ery **B**ioaccumulative

Asp. Tox. 1: **A**spiration hazard, **C**ategory 1

Repr. 2: **R**eproductive toxicity, **C**ategory 2

Skin Irrit. 2: **S**kin corrosion/irritation, **C**ategory 2

Skin Sens. 1B: **S**kin sensitization, **C**ategory 1B

Eye Dam. 1: **S**erious eye damage/eye irritation, **C**ategory 1

STOT SE 3: **S**pecific target organ toxicity — single exposure, **C**ategory 3

Aquatic Chronic 2: **H**azardous to the aquatic environment — **C**hronic Hazard, **C**ategory 2

TWA: **T**ime **W**eighted **A**verage

STEL: **S**hort-**T**erm **E**xposure **L**imit

DNEL: **D**erived-**N**o **E**ffect **L**evel

PNEC: **P**redicted **N**o-**E**ffect **C**oncentration

STP: **S**ewage **T**reatment **P**lant

bw: **b**odyweight

dwt: **d**ry weight

LD<sub>50</sub>: **M**edian lethal dose

LC<sub>50</sub>: **M**edian lethal concentration

ADR: **E**uropean **A**greement concerning the **I**nternational **C**arriage of **D**angerous **G**oods by **R**oad

RID: **R**egulations concerning the **I**nternational **C**arriage of **D**angerous **G**oods by **R**ail

ADN: **E**uropean **A**greement concerning the **I**nternational **C**arriage of **D**angerous **G**oods by **I**nland **W**aterways

IMDG: **I**nternational **M**aritime **D**angerous **G**oods

ICAO-TI: **I**nternational **C**ivil **A**viation **O**rganization - **T**echnical **I**nstruction

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) No. 1272/2008	Classification procedure
Serious eye damage / eye irritation, Category 2; H319	Calculation method

Relevant H-statements (number and full text):

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.



## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006  
amended by Regulation (EU) 2020/878

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### Engine Oil Diesel 5W-40

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H361f: Suspected of damaging fertility

H411: Toxic to aquatic life with long lasting effects.

Relevant EUH-statements (number and full text): not applicable.

Advice on any training appropriate for workers: taking into account the information from this safety sheet as well as all other relevant data, define and implement appropriate training for employees for each workplace.

*The information contained in this safety data sheet is based on our knowledge and experience as of the date of the last version and describes the chemical from a safety perspective. As the use of the chemical is not under our direct control, it is the responsibility of the user to comply with applicable laws and measures related to hygiene and safety.*