

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC MULTI FORMULA SAE 5W-40**

Revision: 02.02.2026

Product code: 20138-998-00

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

HIGHTEC MULTI FORMULA SAE 5W-40

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

Company name:	ROWE Mineralölwerk GmbH	
Street:	Langgewann 101	
Place:	D-67547 Worms	
Telephone:	+49 (0)6241 5906-0	Telefax: +49 (0)6241 5906-999
E-mail:	info@rowe-oil.com	
Contact person:	Product Compliance	
E-mail:	sdb@rowe-oil.com	
Internet:	www.rowe-oil.com	

**1.4. Emergency telephone number:**

Ireland: Public (8am-10pm) +353 180 921 66, Healthcare Professionals +353 1809 2566 other Countries: Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

Classification procedure (H317): Test results

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

EUH208	Contains C14-C16-C18 Alkylphenole. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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**Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)			60 - < 100 %
	276-738-4	649-483-00-5	01-2119474889-13	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)			5 - < 15 %
	265-157-1	649-467-00-8	01-2119484627-25	
	Asp. Tox. 1; H304			
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)			2.5 - < 5 %
	276-738-4	649-483-00-5	01-2119474889-13	
	Asp. Tox. 1; H304			
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)			2.5 - < 5 %
	276-737-9	649-482-00-X	01-2119474878-16	
	Asp. Tox. 1; H304			
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)			1 - < 2.5 %
	265-159-2	649-469-00-9	01-2119480132-48	
	Asp. Tox. 1; H304			
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L)			1 - < 2.5 %
	265-174-4	649-477-00-2	01-2119487080-42	
	Asp. Tox. 1; H304			
1190625-94-5	C14-C16-C18 Alkylphenole			1 - < 2.5 %
	931-468-2		01-2119498288-19	
	Skin Sens. 1, STOT RE 2; H317 H373			
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)			1 - < 2.5 %
	265-169-7	649-474-00-6	01-2119471299-27	
	Asp. Tox. 1; H304			

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

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

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
72623-87-1	276-738-4	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	60 - < 100 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)	5 - < 15 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
72623-87-1	276-738-4	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	2.5 - < 5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
72623-86-0	276-737-9	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	2.5 - < 5 %
		inhalation: LC50 = 5,53 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-56-9	265-159-2	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)	1 - < 2.5 %
		inhalation: LC50 = 5,53 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-70-7	265-174-4	Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L)	1 - < 2.5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-65-0	265-169-7	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)	1 - < 2.5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	

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

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

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

**After contact with eyes**

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

**After ingestion**

Rinse mouth immediately and drink 1 glass of water.

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

No information available.

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

Treat symptomatically.

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

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

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

Non-flammable.

**5.3. Advice for firefighters**

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

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**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.  
Do not allow entering drains or surface water.

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

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

**For non-emergency personnel**

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

**For emergency responders**

Wear personal protection equipment (refer to section 8).

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

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

**For cleaning up**

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

**Other information**

Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

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

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

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

Keep container tightly closed.

**Hints on joint storage**

No special measures are necessary.

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

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**Occupational exposure limits**

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

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**DNEL/DMEL values**

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term	inhalation	local	1,19 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	local	1,19 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
Consumer DNEL, long-term	inhalation	local	1,19 mg/m <sup>3</sup>
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	0,74 mg/kg bw/day
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
Consumer DNEL, long-term	inhalation	local	1,19 mg/m <sup>3</sup>
1190625-94-5	C14-C16-C18 Alkylphenole		
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

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64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term	inhalation	local	1,19 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day

**PNEC values**

CAS No	Substance	Value
Environmental compartment		
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
1190625-94-5	C14-C16-C18 Alkylphenole	
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
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg

**8.2. Exposure controls**

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

Wear eye protection/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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#### Skin protection

Use of protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Environmental exposure controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid	
Colour:	light brown	
Odour:	characteristic	
		<b>Test method</b>
Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	not determined	
Flammability:	Not readily combustible.	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Flash point:	~ 230 °C	DIN EN ISO 2592
Auto-ignition temperature:	not determined	
Decomposition temperature:	not determined	
pH-Value:	not determined	
Viscosity / kinematic: (at 40 °C)	~ 86 mm <sup>2</sup> /s	ASTM D 7042
Water solubility:	practically insoluble	
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	not determined	
Density (at 15 °C):	~ 0,847 g/cm <sup>3</sup>	ASTM D 7042
Relative vapour density:	not determined	
Particle characteristics:	not relevant	

### 9.2. Other information

#### Other safety characteristics

Pour point: ~ -33 °C DIN ISO 3016

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

none

### 10.5. Incompatible materials

No information available.

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**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**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.

**ATEmix calculated**

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	ECHA	OECD Guideline 401
	dermal	LD50 > 5000 mg/kg	Rabbit	ECHA	OECD Guideline 402
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	REACH Dossier	OECD 401
	dermal	LD50 > 5000 mg/kg	Rabbit	REACH Dossier	OECD 402
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	ECHA Dossier	OECD Guideline 401
	dermal	LD50 > 5000 mg/kg	Rabbit	ECHA Dossier)	OECD Guideline 402
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	REACH Dossier	OECD 401
	dermal	LD50 > 5000 mg/kg	Rabbit	REACH Dossier	OECD 402
	inhalation (4 h) dust/mist	LC50 5,53 mg/l	Rabbit	echa readacross	OECD
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	REACH Dossier	OECD 401
	dermal	LD50 > 5000 mg/kg	Rabbit	REACH Dossier	OECD 402
	inhalation (4 h) dust/mist	LC50 5,53 mg/l	Ratte	Echa	OECD 403
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	REACH Dossier	OECD 401
	dermal	LD50 > 5000 mg/kg	Rabbit	REACH Dossier	OECD 402
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)				
	oral	LD50 > 5000 mg/kg	Rat	REACH Dossier	OECD 401
	dermal	LD50 > 5000 mg/kg	Rabbit	REACH Dossier	OECD 402

**Irritation and corrosivity**

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

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

**Sensitising effects**

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

Contains C14-C16-C18 Alkylphenole. May produce an allergic reaction.

Classification procedure (H317): Test results

**Carcinogenic/mutagenic/toxic effects for reproduction**

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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.

**Additional information on tests**

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

**11.2. Information on other hazards****Other information**

No information available.

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

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

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	ECHA	OECD Guideline 203
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss (Rainbow trout)	CONCAWE, Brussels, Belgium (2010)	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201
	Acute crustacea toxicity	EC50 > 10000 mg/l	48 h	Daphnia magna (Big water flea)	REACH Dossier	OECD 202
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss (Rainbow trout)	REACH Dossier	QSAR
	Crustacea toxicity	NOEC > 10 mg/l	21 d	Daphnia magna (Big water flea)	REACH Dossier	OECD 211
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	ECHA Dossier	OECD Guideline 203
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss	ECHA Dossier	
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201
	Acute crustacea toxicity	EL50 > 10000 mg/l	48 h	Daphnia magna (Big water flea)	REACH Dossier	OECD 202
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss (Rainbow trout)	REACH Dossier	QSAR
	Algae toxicity	NOEC >= 100 mg/l	3 d	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201
	Crustacea toxicity	NOEC > 10 mg/l	21 d	Daphnia magna (Big water flea)	REACH Dossier	OECD 211
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201
	Acute crustacea toxicity	EL50 > 10000 mg/l	48 h	Daphnia magna (Big water flea)	REACH Dossier	OECD 202
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss (Rainbow trout)	REACH Dossier	QSAR
	Crustacea toxicity	NOEC > 1000 mg/l	21 d	Daphnia magna (Big water flea)	REACH Dossier	OECD 211
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203

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	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACH Dossier	
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)						
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203
	Acute crustacea toxicity	EL50 mg/l	> 10000	48 h	Daphnia pulex (water flea)	REACH Dossier	OECD 202
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACH Dossier	QSAR
	Algae toxicity	NOEC mg/l	>= 100	3 d	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201

**12.2. Persistence and degradability**

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)			
	OECD 301B	21 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).			
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)			
	OECD 301F	31 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).			
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)			
	OECD 301B	31 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).			
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)			
	OECD 301F	31 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).			

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
1190625-94-5	C14-C16-C18 Alkylphenole	> 16000000

**12.4. Mobility in soil**

The product has not been tested.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

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

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#### Disposal recommendations

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

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

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

#### List of Wastes Code - used product

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

#### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

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

#### Inland waterways transport (ADN)

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

#### Marine transport (IMDG)

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

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

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

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

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

##### National regulatory information

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Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	1 - slightly hazardous to water
Skin resorption/Sensitization:	Causes allergic hypersensitivity reactions.

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

#### Abbreviations and acronyms

Asp. Tox. 1: Aspiration hazard, hazard category 1  
 Skin Sens. 1: Skin sensitisation, hazard category 1  
 STOT RE 2: Specific target organ toxicity - repeated exposure, hazard category 2  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### 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 liver through prolonged or repeated exposure if inhaled.

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EUH208 Contains C14-C16-C18 Alkylphenole. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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