

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 1 of 18

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

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

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

Gear oil

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**Skin Sens. 1; H317
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**Polysulfides, di-tert-Bu
Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)
Magnesium metaborate
Amines, C10-14-tert-alkyl**Signal word:** Warning**Pictograms:****Hazard statements**H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.**Precautionary statements**P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 2 of 18

P302+P352 IF ON SKIN: Wash with plenty of Water and soap.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container to of the disposal according to local regulations.

2.3. Other hazards

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.
 The substances in the mixture do not meet the PBT/VPvB criteria according to REACH, annex XIII.

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

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	Classification (Regulation (EC) No 1272/2008)	
112-41-4	1-Dodecene	15 - < 30 %
	203-968-4	01-2119475509-26
	Asp. Tox. 1; H304 EUH066	
68937-96-2	Polysulfides, di-tert-Bu	2.5 - < 5 %
	273-103-3	01-2119540515-43
	Skin Sens. 1B, Aquatic Chronic 3; H317 H412	
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)	
	931-384-6	01-2119493620-38
	Acute Tox. 4, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2; H302 H319 H317 H411	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)	1 - < 2.5 %
	265-157-1	649-467-00-8
	01-2119484627-25	
	Asp. Tox. 1; H304	
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)	1 - < 2.5 %
	265-169-7	649-474-00-6
	01-2119471299-27	
	Asp. Tox. 1; H304	
13703-82-7	Magnesium metaborate	0.3 - < 1 %
	237-235-5	01-2120769073-53
	Skin Sens. 1B; H317	
68955-53-3	Amines, C10-14-tert-alkyl	0.3 - < 1 %
	701-175-2	01-2119456798-18
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H302 H314 H318 H317 H400 H410	
74499-35-7	phenol, (tetrapropenyl) derivatives	< 0.1 %
	616-100-8	604-092-00-9
	Repr. 1B, Skin Corr. 1C, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H360F H314 H318 H400 H410	

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 3 of 18

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
112-41-4	203-968-4	1-Dodecene	15 - < 30 %
		inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg	
68937-96-2	273-103-3	Polysulfides, di-tert-Bu	2.5 - < 5 %
		Skin Sens. 1B; H317: >= 46 - 100	
	931-384-6	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)	1 - < 2.5 %
		oral: LD50 = 2000 mg/kg Eye Irrit. 2; H319: >= 50 - 100 Skin Sens. 1B; H317: >= 9,39 - 100	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; 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	
13703-82-7	237-235-5	Magnesium metaborate	0.3 - < 1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg Skin Sens. 1B; H317: >= 15 - 100	
68955-53-3	701-175-2	Amines, C10-14-tert-alkyl	0.3 - < 1 %
		inhalation: LC50 = 1,19 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = 251 mg/kg; oral: LD50 = 552 mg/kg	
74499-35-7	616-100-8	phenol, (tetrapropenyl) derivatives	< 0.1 %
		Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=10	

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

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

After inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

After contact with skin

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

After contact with eyes

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

After ingestion

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

Water spray jet. Foam. Carbon dioxide (CO2).

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 4 of 18

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

5.2. Special hazards arising from the substance or mixture

Combustible. Non-flammable.

In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂), Pyrolysis products, toxic.

5.3. Advice for firefighters

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

Additional information

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

Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

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 uncontrolled discharge of product into the environment.

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

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

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**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin. Use personal protection equipment.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands before breaks and after work. 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 in a cool, well-ventilated place. Store in a dry place.

Hints on joint storage

Do not store together with: Oxidizing agent, Reducing agent, Strong acid, Strong alkali.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 5 of 18

Further information on storage conditions

Keep away from heat.

maximum storage temperature: 80 °C

7.3. Specific end use(s)

Gear oil

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

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

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 6 of 18

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)			
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m ³	
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 ³	
Worker DNEL, long-term	inhalation	local	5,58 mg/m ³	
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	local	1,19 mg/m ³	
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day	
68937-96-2	Polysulfides, di-tert-Bu			
Worker DNEL, long-term	inhalation	systemic	3,29 mg/m ³	
Worker DNEL, long-term	dermal	systemic	4,67 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	0,58 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	1,67 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	0,167 mg/kg bw/day	
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)			
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m ³	
Worker DNEL, long-term	inhalation	local	5,58 mg/m ³	
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	local	1,19 mg/m ³	
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day	
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)			
Worker DNEL, long-term	inhalation	systemic	4,28 mg/m ³	
Worker DNEL, long-term	dermal	systemic	12,5 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	1,09 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	6,25 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	0,25 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 ³	
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day	
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m ³	
Consumer DNEL, long-term	inhalation	local	1,19 mg/m ³	
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day	

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 7 of 18

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)		
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m ³
Worker DNEL, long-term	inhalation	local	5,58 mg/m ³
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term	inhalation	local	1,19 mg/m ³
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
13703-82-7	Magnesium metaborate		
Worker DNEL, long-term	inhalation	systemic	5,49 mg/m ³
Worker DNEL, long-term	dermal	systemic	7,78 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,82 mg/m ³
Consumer DNEL, long-term	dermal	systemic	0,278 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,28 mg/kg bw/day
68955-53-3	Amines, C10-14-tert-alkyl		
Worker DNEL, long-term	inhalation	systemic	12,5 mg/m ³
Worker DNEL, long-term	inhalation	local	12,1 mg/m ³
Consumer DNEL, long-term	inhalation	systemic	2,5 mg/m ³
Consumer DNEL, long-term	inhalation	local	1,2 mg/m ³
Consumer DNEL, long-term	oral	systemic	0,35 mg/kg bw/day
74499-35-7	phenol, (tetrapropenyl) derivatives		
Worker DNEL, long-term	inhalation	systemic	0,053 mg/m ³
Worker DNEL, long-term	dermal	systemic	0,25 mg/kg bw/day

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 8 of 18

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
68937-96-2	Polysulfides, di-tert-Bu	
Freshwater		0,00024 mg/l
Marine water		0,00024 mg/l
Freshwater sediment		0,94 mg/kg
Marine sediment		0,094 mg/kg
Secondary poisoning		6,66 mg/kg
Micro-organisms in sewage treatment plants (STP)		4,51 mg/l
Soil		0,0181 mg/kg
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)		
Freshwater		0,0024 mg/l
Freshwater (intermittent releases)		0,15 mg/l
Marine water		0,00024 mg/l
Freshwater sediment		0,0129 mg/kg
Marine sediment		0,00129 mg/kg
Secondary poisoning		10 mg/kg
Micro-organisms in sewage treatment plants (STP)		24,33 mg/l
Soil		0,00117 mg/kg
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)	
Secondary poisoning		9,33 mg/kg
13703-82-7	Magnesium metaborate	
Freshwater		0,05 mg/l
Freshwater (intermittent releases)		0,5 mg/l
Marine water		0,05 mg/l
Freshwater sediment		1,38 mg/kg
Marine sediment		1,38 mg/kg
Secondary poisoning		1,67 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,247 mg/kg
68955-53-3	Amines, C10-14-tert-alkyl	
Freshwater		0,001 mg/l
Freshwater (intermittent releases)		0,004 mg/l
Marine water		0 mg/l
Freshwater sediment		2,14 mg/kg
Marine sediment		0,214 mg/kg

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 9 of 18

Secondary poisoning	4,71 mg/kg
Micro-organisms in sewage treatment plants (STP)	0,635 mg/l
Soil	0,428 mg/kg

8.2. Exposure controls



Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection. (EN 166)

Hand protection

Tested protective gloves must be worn (EN ISO 374)

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.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazards

No information available.

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:	brown
Odour:	characteristic
Odour threshold:	not determined

	Test method
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	Not readily combustible.
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	> 200 °C ISO 2592
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	not applicable DIN 51369
Viscosity / kinematic: (at 40 °C)	~ 215 mm ² /s ASTM D 7042

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 10 of 18

Water solubility: (at 20 °C)	practically insoluble
Solubility in other solvents Soluble in hydrocarbons (mineral oil.)	
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	<0,1 hPa calculated.
Density (at 15 °C):	0,873 g/cm ³ ASTM D 7042
Relative vapour density:	not determined
Particle characteristics:	not applicable not relevant

9.2. Other information
Information with regard to physical hazard classes
Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

Other safety characteristics
Pour point:

-32 °C DIN EN ISO 3016

Further Information

No information available.

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

Oxidizing agent, Reducing agent, Strong acid, Strong alkali.

10.6. Hazardous decomposition products

 In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂), Pyrolysis products, toxic.

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) > 5000 mg/kg; ATE (dermal) > 5000 mg/kg

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 11 of 18

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
112-41-4	1-Dodecene				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		
	inhalation (4 h) dust/mist	LC50 >5 mg/l	Rat		
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)				
	oral	LD50 2000 mg/kg	Rat	REACH Dossier	OECD 401
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
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
13703-82-7	Magnesium metaborate				
	oral	LD50 > 2000 mg/kg	Rat	REACH Dossier	OECD 420
	dermal	LD50 > 2000 mg/kg	Rat	REACH Dossier	OECD 402
68955-53-3	Amines, C10-14-tert-alkyl				
	oral	LD50 552 mg/kg	Mouse	ECHA	OECD Guideline 401
	dermal	LD50 251 mg/kg	Rat	ECHA	OECD Guideline 402
	inhalation (4 h) vapour	LC50 1,19 mg/l	Rat	ECHA	OECD Guideline 403
	inhalation dust/mist	ATE 0,05 mg/l			

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

May cause an allergic skin reaction. (Polysulfides, di-tert-Bu; Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched); Magnesium metaborate; Amines, C10-14-tert-alkyl)

Carcinogenic/mutagenic/toxic effects for reproduction

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

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

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

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 12 of 18

Aspiration hazard

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

Information on likely routes of exposure

Inhalation, oral, Skin contact, Eye contact.

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

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.

Other information

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

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

Harmful to aquatic life with long lasting effects.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 13 of 18

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
112-41-4	1-Dodecene					
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 >1000 mg/l	96 h	Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna		
	Crustacea toxicity	NOEC 125 mg/l	21 d	Daphnia magna		
68937-96-2	Polysulfides, di-tert-Bu					
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Algae	Pre-supplier/manu facturer	
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)					
	Acute fish toxicity	LC50 8,5 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203
	Acute algae toxicity	ErC50 6,4 mg/l	96 h	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201
	Crustacea toxicity	NOEC 0,12 mg/l	21 d	Daphnia magna (Big water flea)	REACH Dossier	OECD 211
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
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	OECD 203
	Acute crustacea toxicity	EL50 > 10000 mg/l	48 h	Daphnia pulex (water flea)	REACH Dossier	OECD 202
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss (Rainbow trout)	REACH Dossier	QSAR
	Algae toxicity	NOEC >= 100 mg/l	3 d	Pseudokirchneriella subcapitata	REACH Dossier	OECD 201
68955-53-3	Amines, C10-14-tert-alkyl					
	Acute algae toxicity	ErC50 0,44 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD Guideline 201
	Fish toxicity	NOEC 0,078 mg/l	96 d	Oncorhynchus mykiss	ECHA	OECD Guideline 210

12.2. Persistence and degradability

The product has not been tested.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 14 of 18

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
68937-96-2	Polysulfides, di-tert-Bu				
	OECD 301B		13 %	28	Pre-supplier/manufacturer
	Not easily bio-degradable (according to OECD-criteria).				
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)				
	OECD 301B		7,4 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).				
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)				
	OECD 301B		21 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).				
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L)				
	OECD 301F		31 %	28	REACH Dossier
	Not easily bio-degradable (according to OECD-criteria).				

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
68937-96-2	Polysulfides, di-tert-Bu	5,6
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)	< 0,3
68955-53-3	Amines, C10-14-tert-alkyl	2,9

BCF

CAS No	Chemical name	BCF	Species	Source
	Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)	436	Onchorhynchus mykiss	REACH Registration D

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.

The product has not been tested.

12.6. Endocrine disrupting properties

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.

12.7. Other adverse effects

No information available.

Further information

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

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

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 15 of 18

List of Wastes Code - residues/unused products

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

List of Wastes Code - used product

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

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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 information available.

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

EU regulatory information

Authorisations (REACH, annex XIV):

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

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 30, Entry 75

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 16 of 18

Information according to Directive
2012/18/EU (SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Employment restrictions:

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

Water hazard class (D):

2 - obviously hazardous to water

Skin resorption/Sensitization:

Causes allergic hypersensitivity reactions.

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

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

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,9,10,11,13,15,16.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 17 of 18

Abbreviations and acronyms

Acute Tox. 2: Acute toxicity, hazard category 2
Acute Tox. 3: Acute toxicity, hazard category 3
Acute Tox. 4: Acute toxicity, hazard category 4
Asp. Tox. 1: Aspiration hazard, hazard category 1
Skin Corr. 1B: Skin corrosion, sub-category 1B
Skin Corr. 1C: Skin corrosion, sub-category 1C
Eye Dam. 1: Serious eye damage, hazard category 1
Eye Irrit. 2: Eye irritation, hazard category 2
Skin Sens. 1: Skin sensitisation, hazard category 1
Skin Sens. 1A: Skin sensitisation, hazard category 1A
Skin Sens. 1B: Skin sensitisation, hazard category 1B
Repr. 1B: Reproductive toxicity, hazard category 1B
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard category: Chronic 3
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).

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC RACING DIFFERENTIAL GEAR OIL SAE 75W-140 LS

Revision: 02.02.2026

Product code: 25040

Page 18 of 18

Key literature references and sources for data

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

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

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H360F	May damage fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

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

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