		Page: 1
<b>SAFETY DATA SHEET</b>		Revision Date: 04.10.2019
		Print Date: 25.10.2022
		SDS Number: R0517089
No data 862066		Version: 4.0

Conforms to EU Regulation 1907/2006/EC as amended. - SDSGHS\_HU

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name : No data available

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

Recommended use : Engine, gear & lubricating oil.

<p><b>1.3 Details of the supplier of the safety data sheet</b>          Ellis Enterprises B.V., an affiliate of Valvoline          Wieldrechtseweg 39          3316 BG Dordrecht          Netherlands          +31 (0)78 654 3500 (in the Netherlands), or          contact your local CSR contact person</p> <p>SDS@valvoline.com</p>	<p><b>1.4 Emergency telephone number</b>          +1-800-VALVOLINE (+1-800-825-8654), or          contact your local emergency telephone number at          06 80 20 11 99, 06 1 476 6464</p> <p><b>Product Information</b>          +31 (0)78 654 3500 (in the Netherlands), or          contact your local CSR contact person</p>
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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**Additional Labelling:**

EUH210 Safety data sheet available on request.

### 2.3 Other hazards


This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Additional advice**

No information available.

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## SECTION 3: Composition/information on ingredients

	
<b>SAFETY DATA SHEET</b>	Revision Date: 04.10.2019
	Print Date: 25.10.2022
	SDS Number: R0517089
No data 862066	Version: 4.0

### 3.2 Mixtures

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8 265-158-7 01-2119487077-29-xxxx	Asp. Tox.1; H304	>= 2,50 - < 5,00
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7 265-157-1 01-2119484627-25-xxxx	Asp. Tox.1; H304	>= 2,50 - < 5,00
Reaction products of Benzeneamine, N- phenyl- with nonene (branched)	36878-20-3 253-249-4 01-2119488911-28-xxxx	Aquatic Chronic4; H413	>= 1,00 - < 2,50
Substances with a workplace exposure limit :			
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil- based	72623-87-1 276-738-4 01-2119474889-13-xxxx		>= 80,00 - < 90,00
Distillates (Petroleum), Hydrotreated Heavy Paraffinic	64742-54-7 265-157-1 01-2119484627-25-xxxx		>= 2,50 - < 5,00

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.


**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.
- If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

- Symptoms : No symptoms known or expected.

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

- Treatment : No hazards which require special first aid measures.

---

**SECTION 5: Firefighting measures**
**5.1 Extinguishing media**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

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

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : carbon dioxide and carbon monoxide  
Hydrocarbons  
Nitrogen oxides (NO<sub>x</sub>)

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Standard procedure for chemical fires.

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**SECTION 6: Accidental release measures**


**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.  
Comply with all applicable federal, state, and local regulations.

**6.2 Environmental precautions**

Environmental precautions : Prevent further leakage or spillage if safe to do so.

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For further information see Section 8 and Section 13 of the safety data sheet.

---

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

Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : General industrial hygiene practice.

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

Advice on common storage : No materials to be especially mentioned.

Other data : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

Specific use(s) : No data available

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


**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	CEIL (Mist)	5 mg/m3 Mist	HU OEL
Distillates (Petroleum), Hydrotreated Heavy Paraffinic	64742-54-7	CEIL (Mist)	5 mg/m3 Mist	HU OEL
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	CEIL (Mist)	5 mg/m3 Mist	HU OEL
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	CEIL (Mist)	5 mg/m3 Mist	HU OEL

## 8.2 Exposure controls

### Engineering measures

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Personal protective equipment

Eye protection : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Hand protection

Remarks : Nitrile rubber butyl-rubber

Skin and body protection : Wear as appropriate:  
Safety shoes

Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : amber


**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

Odour	:	oily
Odour Threshold	:	No data available
pH	:	Not applicable
Pour point	:	< -39 °C
Boiling point/boiling range	:	No data available
Flash point	:	248 °C Method: Cleveland open cup
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	ca. 0,853 g/cm <sup>3</sup> (15 °C)
Bulk density	:	Not applicable
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	< 6.800 mPa.s (-25 °C)
Viscosity, kinematic	:	ca. 95 mm <sup>2</sup> /s (40 °C)
Oxidizing properties	:	No data available

**9.2 Other information**


**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

Self-ignition : No data available

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

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Product will not undergo hazardous polymerization.

**10.4 Conditions to avoid**

Conditions to avoid : excessive heat

**10.5 Incompatible materials**

Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

Hazardous decomposition products : No hazardous decomposition products are known.

---

**SECTION 11: Toxicological information**
**11.1 Information on toxicological effects**

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Components:****HEAVY PARAFFINIC DISTILLATE:**

Acute oral toxicity : LD50 (Rat): &gt; 15 g/kg

Acute dermal toxicity : LD50 (Rabbit): &gt; 5 g/kg

**Components:****REACTION PROD. OF BENZENEAMINE, N-PHENYL- W/ NONENE (BRANCHED):**

**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg  
Remarks: No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Assessment: Not classified as acutely toxic by dermal absorption under GHS.  
Remarks: Information given is based on data obtained from similar substances.

**Components:****LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5,58 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: Not classified as acutely toxic by inhalation under GHS.  
Remarks: No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg  
Remarks: No mortality observed at this dose.

**Components:****HEAVY PARAFFINIC DISTILLATE:**

Acute oral toxicity : LD50 (Rat): > 15 g/kg

Acute dermal toxicity : LD50 (Rabbit): > 5 g/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****HYDROTREATED LIGHT PARAFFINIC DISTILLATE:**

Result: Slight, transient irritation

**HEAVY PARAFFINIC DISTILLATE:**

Result: Slight, transient irritation

**REACTION PROD. OF BENZENEAMINE, N-PHENYL- W/ NONENE (BRANCHED):**

Species: Rabbit  
Result: Mild skin irritation  
Remarks: Information given is based on data obtained from similar substances.

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Species: Rabbit  
Result: No skin irritation




**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

**HEAVY PARAFFINIC DISTILLATE:**

Result: Slight, transient irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Result: Slight, transient irritation

Remarks: Expected based on components.

Remarks: Unlikely to cause eye irritation or injury.

**Components:**
**HYDROTREATED LIGHT PARAFFINIC DISTILLATE:**

Result: Slight, transient irritation

**HEAVY PARAFFINIC DISTILLATE:**

Result: No eye irritation

**REACTION PROD. OF BENZENEAMINE, N-PHENYL- W/ NONENE (BRANCHED):**

Species: Rabbit

Result: Slight, transient irritation

Remarks: Information given is based on data obtained from similar substances.

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Species: Rabbit

Result: No eye irritation

**HEAVY PARAFFINIC DISTILLATE:**

Result: No eye irritation

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Components:**
**REACTION PROD. OF BENZENEAMINE, N-PHENYL- W/ NONENE (BRANCHED):**

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

Method: OECD Test Guideline 406

Remarks: Information given is based on data obtained from similar substances.

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Test Type: Buehler Test

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****REACTION PROD. OF BENZENEAMINE, N-PHENYL- W/ NONENE (BRANCHED):**

Genotoxicity in vitro : Test Type: **Ames test**  
Test species: **Salmonella typhimurium**  
Metabolic activation: **with and without metabolic activation**  
Result: **negative**

**Carcinogenicity**

Not classified based on available information.

**Components:****HYDROTREATED LIGHT PARAFFINIC DISTILLATE:**

Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)**

**HEAVY PARAFFINIC DISTILLATE:**

Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)**

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Product:**

No aspiration toxicity classification

**Components:****HYDROTREATED LIGHT PARAFFINIC DISTILLATE:****May be fatal if swallowed and enters airways.****HEAVY PARAFFINIC DISTILLATE:****May be fatal if swallowed and enters airways.****LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

No aspiration toxicity classification

**HEAVY PARAFFINIC DISTILLATE:**

No aspiration toxicity classification

**Further information****Product:**

Remarks: No data available

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

Distillates (petroleum), hydrotreated heavy paraffinic

Toxicity to fish : **LL50 (Fish): > 100 mg/l**  
Exposure time: **96 h**

Toxicity to daphnia and other aquatic invertebrates : **EL50 (Aquatic invertebrates): > 10.000 mg/l**  
Exposure time: **48 h**

Toxicity to algae : **EL50 (Algae, algal mat (Algae)): > 100 mg/l**  
Exposure time: **72 h**

Toxicity to fish (Chronic toxicity) : **NOEC: 10 mg/l**  
Species: **Fish**

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : **NOEC: 10 mg/l**  
Species: **Aquatic invertebrates**

Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

Toxicity to fish : **LC50 (Danio rerio (zebra fish)): > 100 mg/l**  
Exposure time: **96 h**  
Test Type: **static test**  
Remarks: **Information given is based on data obtained from similar substances.**

Toxicity to daphnia and other aquatic invertebrates : **EC50 (Daphnia magna (Water flea)): > 100 mg/l**  
Exposure time: **48 h**  
Test Type: **static test**  
Test substance: **WAF**

Toxicity to algae : **EC50 (Pseudokirchneriella subcapitata (algae)): 600 mg/l**  
End point: **Growth inhibition**  
Exposure time: **72 h**

**SAFETY DATA SHEET**

Revision Date: 04.10.2019

Print Date: 25.10.2022

SDS Number: R0517089

No data  
862066

Version: 4.0

Test Type: **static test**

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Toxicity to fish : **LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l**  
 Exposure time: **96 h**  
 Test Type: **static test**  
 Test substance: **WAF**  
 Method: **OECD Test Guideline 203**  
 Remarks: **No toxicity at the limit of solubility**

Toxicity to daphnia and other aquatic invertebrates : **EL50 (Daphnia magna (Water flea)): > 10.000 mg/l**  
 Exposure time: **48 h**  
 Test Type: **static test**  
 Test substance: **WAF**  
 Method: **OECD Test Guideline 202**

Toxicity to algae : **NOEL (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l**  
 End point: **Growth inhibition**  
 Exposure time: **72 h**  
 Test Type: **static test**  
 Test substance: **WAF**  
 Method: **OECD Test Guideline 201**

Toxicity to fish (Chronic toxicity) : **NOELR: Calculated >= 1.000 mg/l**  
 Exposure time: **14 d**  
 Species: **Oncorhynchus mykiss (rainbow trout)**

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : **NOEL: 10 mg/l**  
 Exposure time: **21 d**  
 Species: **Daphnia (water flea)**  
 Test substance: **WAF**  
 Method: **OECD Test Guideline 211**

Distillates (Petroleum), Hydrotreated Heavy Paraffinic


Toxicity to fish : **LL50 (Fish): > 100 mg/l**  
 Exposure time: **96 h**

Toxicity to daphnia and other aquatic invertebrates : **EL50 (Aquatic invertebrates): > 10.000 mg/l**  
 Exposure time: **48 h**

Toxicity to algae : **EL50 (Algae, algal mat (Algae)): > 100 mg/l**  
 Exposure time: **72 h**

Toxicity to fish (Chronic toxicity) : **NOEC: 10 mg/l**  
 Species: **Fish**

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : **NOEC: 10 mg/l**  
 Species: **Aquatic invertebrates**

		Page: 13
<b>SAFETY DATA SHEET</b>		Revision Date: 04.10.2019
		Print Date: 25.10.2022
		SDS Number: R0517089
No data 862066		Version: 4.0

## 12.2 Persistence and degradability

### Components:

Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

Biodegradability : Result: **Not readily biodegradable.**  
 Biodegradation: **0 %**  
 Exposure time: **28 d**  
 Method: **OECD Test Guideline 301B**

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Biodegradability : Result: **Not readily biodegradable.**  
 Biodegradation: **2 - 4 %**  
 Exposure time: **28 d**  
 Method: **OECD Test Guideline 301B**

## 12.3 Bioaccumulative potential

### Components:

Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

Partition coefficient: n-octanol/water : log Pow: **> 7,5**

Distillates (Petroleum), Hydrotreated Heavy Paraffinic

Partition coefficient: n-octanol/water : log Pow: **Expected > 7**

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

### Product:


Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## 12.6 Other adverse effects

### Product:

Additional ecological information : No data available

## SECTION 13: Disposal considerations

		Page: 14
<b>SAFETY DATA SHEET</b>		Revision Date: 04.10.2019
		Print Date: 25.10.2022
		SDS Number: R0517089
No data 862066		Version: 4.0

### 13.1 Waste treatment methods

Contaminated packaging : Empty remaining contents.

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## SECTION 14: Transport information

### 14.1 UN number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

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## SECTION 15: Regulatory information

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


Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High : Not applicable

		Page: 15
<b>SAFETY DATA SHEET</b>		Revision Date: 04.10.2019
		Print Date: 25.10.2022
		SDS Number: R0517089
No data 862066		Version: 4.0

Concern for Authorisation (Article 59).

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

Other regulations : 2000 XXV. Law on chemical safety 44/2000. (XII 27) Ministry of health dangerous substances and preparations dangerous for certain procedures and arrangements for activities

**The components of this product are reported in the following inventories:**

DSL : All components of this product are on the Canadian DSL

AICS On the inventory, or in compliance with the inventory

ENCS On the inventory, or in compliance with the inventory

KECI On the inventory, or in compliance with the inventory

PICCS On the inventory, or in compliance with the inventory

IECSC On the inventory, or in compliance with the inventory

TCSI On the inventory, or in compliance with the inventory

TSCA Not On TSCA Inventory

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

**15.2 Chemical safety assessment**


No data available

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**SECTION 16: Other information**

**Further information**

Revision Date: 04.10.2019

		Page: 16
<b>SAFETY DATA SHEET</b>		Revision Date: 04.10.2019
		Print Date: 25.10.2022
		SDS Number: R0517089
No data 862066		Version: 4.0

#### Full text of H-Statements

- H304                      May be fatal if swallowed and enters airways.  
H413                      May cause long lasting harmful effects to aquatic life.


Other information                      : The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Valvoline's Environmental Health and Safety Department (+31 (0)78 654 3500).

Sources of key data used to compile the Safety Data Sheet  
Valvoline internal data including own and sponsored test reports  
The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

- ACGIH : American Conference of Industrial Hygienists
- BEI : Biological Exposure Index
- CAS : Chemical Abstracts Service (Division of the American Chemical Society).
- CMR : Carcinogenic, Mutagenic or Toxic for Reproduction
- FG : Food grade
- GHS : Globally Harmonized System of Classification and Labeling of Chemicals.
- H-statement : Hazard Statement
- IATA : International Air Transport Association.
- IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
- ICAO : International Civil Aviation Organization
- ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"
- IMDG : International Maritime Code for Dangerous Goods
- ISO : International Organization for Standardization
- logPow : octanol-water partition coefficient
- LCxx : Lethal Concentration, for xx percent of test population
- LDxx : Lethal Dose, for xx percent of test population.
- ICxx : Inhibitory Concentration for xx of a substance
- Ecxx : Effective Concentration of xx
- N.O.S.: Not Otherwise Specified
- OECD : Organization for Economic Co-operation and Development
- OEL : Occupational Exposure Limit
- P-Statement : Precautionary Statement
- PBT : Persistent , Bioaccumulative and Toxic
- PPE : Personal Protective Equipment



	Page: 17
<b>SAFETY DATA SHEET</b>	Revision Date: 04.10.2019
	Print Date: 25.10.2022
	SDS Number: R0517089
No data 862066	Version: 4.0

STEL : Short-term exposure limit  
 STOT : Specific Target Organ Toxicity  
 TLV : Threshold Limit Value  
 TWA : Time-weighted average  
 vPvB : Very Persistent and Very Bioaccumulative  
 WEL : Workplace Exposure Level

ABM : Water Hazard Class for the Netherlands  
 ADR : Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADNR: Regulation for the Carriage of Dangerous Substances on the Rhine  
 CLP : Classification, Labelling and Packaging  
 CSA : Chemical Safety Assessment  
 CSR : Chemical Safety Report  
 DNEL : Derived No Effect Level.  
 EINECS : European Inventory of Existing Commercial Chemical Substances.  
 ELINCS : European List of Notified Chemical Substances  
 PEC : Predicted Effect Concentration  
 PEL : Permissible Exposure Limits  
 PNEC : Predicted No Effect Concentration  
 R-phrase : Risk phrase  
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID : Regulation Concerning the International Transport of Dangerous Goods by Rail  
 S-phrase: Safety phrase  
 WGK : German Water Hazard Class