



SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Valvoline™ VR1 RACING SAE 20W-50 Racing
Oil

Version: 6.0

Revision Date: 31.08.2023

Print Date: 12/06/2025

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

1.1 Product identifier

Trade name : Valvoline™ VR1 RACING SAE 20W-50
Racing Oil

Product code : 873432

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

Use of the substance/mixture : Engine, gear & lubricating oil.

1.3 Details of the supplier of the safety data sheet

Company : Ellis Enterprises B.V., an affiliate of Valvoline Global
Operations
Wieldrechtseweg 39
3316 BG Dordrecht
Netherlands

Telephone : +31 (0)78 654 3500 (in the Netherlands), or contact your local
CSR contact person

E-mail address of person : SDS@valvolineglobal.com
responsible for the SDS

1.4 Emergency telephone number

00-800-825-8654, or contact your local emergency telephone number at 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.



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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Additional Labelling

EUH210 Safety data sheet available on request.

EUH208 Contains N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine. May produce an allergic reaction.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | Concentration (% w/w) |
|---|--|--|--------------------------|
| DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC | 64742-54-7 265-157-1 649-467-00-8 01-2119484627-25- xxxx | Asp. Tox. 1; H304 | >= 5 - < 10 |
| Zinc O,O,O',O'-tetrakis(1,3- dimethylbutyl) bis(phosphorodithioate | 2215-35-2 218-679-9 01-2119953275-34- xxxx | Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411 specific concentration limit Eye Dam. 1; H318 > 10 % | >= 1 - < 2.5 |
| N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol- 1-yl)methyl]amine | 91273-04-0 401-280-0 | Skin Corr. 1B; H314 | >= 0.1 - < 0.25 |



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| | | | |
|--|---|---|--|
| | 613-072-00-9 01-2119930450-49- xxxx | Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 2; H411 M-Factor (Chronic aquatic toxicity): 1 | |
|--|---|---|--|

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
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.



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Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : carbon dioxide and carbon monoxide

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

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

See sections: 7, 8, 11, 12 and 13.



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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Do not breathe vapours/dust.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL):

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|---|---------|-----------------|----------------------------|-----------|
| Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) | Workers | Inhalation | Long-term systemic effects | 8.6 mg/m3 |
| Remarks: RD TOX - Repeated dose toxicity | | | | |



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| | | | | |
|--|---|------------|----------------------------|------------|
| | Workers | Dermal | Long-term systemic effects | 12.2 mg/kg |
| | Remarks:RD TOX - Repeated dose toxicity | | | |
| | Consumer use | Inhalation | Long-term systemic effects | 2.13 mg/m3 |
| | Remarks:RD TOX - Repeated dose toxicity | | | |
| | Consumer use | Dermal | Long-term systemic effects | 6.1 mg/kg |
| | Remarks:RD TOX - Repeated dose toxicity | | | |
| | Consumer use | Oral | Long-term systemic effects | 0.24 mg/kg |
| | Remarks:RD TOX - Repeated dose toxicity | | | |

Predicted No Effect Concentration (PNEC):

| Substance name | Environmental Compartment | Value |
|--|---------------------------|-------------|
| Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) | Sewage treatment plant | 100 mg/l |
| | Marine sediment | 0.006 mg/kg |
| | Fresh water sediment | 0.06 mg/kg |
| | Soil | 0.01 mg/kg |

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Hand protection
Material : neoprene, nitrile rubber
Break through time : >= 240 min
Glove thickness : >= 0.35 mm
Directive : Equipment should conform to EN 374

Remarks : The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The data about break through time/strength of material are standard values! The exact break through time/strength of



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| | | |
|--------------------------|---|---|
| Skin and body protection | : | material has to be obtained from the producer of the protective glove. The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
| | : | Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| 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 |
| Odour | : | oily |
| Odour Threshold | : | No data available |
| pH | : | Not applicable |
| Pour point | : | < -24 °C |
| Boiling point/boiling range | : | No data available |
| Flash point | : | 240 °C Method: Cleveland open cup |
| 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. 0.875 g/cm ³ (15.6 °C) |
| Solubility(ies) Water solubility | : | insoluble |



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Solubility in other solvents : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : < 6,800 mPa.s (-15 °C)

Viscosity, kinematic : ca. 152.9 mm²/s (40 °C)

Oxidizing properties : No data available

9.2 Other information

Self-ignition : No data available

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : excessive heat

10.5 Incompatible materials

Materials to avoid : Acid chlorides
Acids
alkalis
Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products are known.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Components:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

| | |
|-----------------------|---------------------------|
| Acute oral toxicity | : LD50 (Rat): > 15 g/kg |
| Acute dermal toxicity | : LD50 (Rabbit): > 5 g/kg |

Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate:

| | |
|---------------------------|---|
| Acute oral toxicity | : LD50 (Rat): 2,230 mg/kg GLP: no |
| Acute inhalation toxicity | : LC50 (Rat): > 2.3 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Remarks: The toxicological data has been taken from products of similar composition. |
| Acute dermal toxicity | : LD50 (Rabbit): > 3,160 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity |

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

| | |
|-----------------------|--|
| Acute oral toxicity | : LD50 (Rat): 2,356 mg/kg |
| Acute dermal toxicity | : LD50 (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity Remarks: No mortality observed at this dose. |

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : May cause skin irritation and/or dermatitis.



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Components:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

| | | |
|------------|---|------------------------------|
| Assessment | : | Slight, transient irritation |
| Result | : | Slight, transient irritation |

Zinc O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate:

| | | |
|---------|---|-------------------------|
| Species | : | Rabbit |
| Method | : | OECD Test Guideline 404 |
| Result | : | Irritating to skin. |
| GLP | : | yes |

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

| | | |
|---------|---|---|
| Species | : | Rabbit |
| Result | : | Corrosive after 3 minutes to 1 hour of exposure |

Serious eye damage/eye irritation

Not classified based on available information.

Product:

| | | |
|---------|---|------------------------------------|
| Result | : | Slight, transient irritation |
| Remarks | : | Expected based on components. |
| Remarks | : | May cause irreversible eye damage. |

Components:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

| | | |
|------------|---|-------------------|
| Assessment | : | No eye irritation |
| Result | : | No eye irritation |

Zinc O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate:

| | | |
|--------|---|-----------|
| Result | : | Corrosive |
|--------|---|-----------|

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

| | | |
|--------|---|-----------|
| Result | : | Corrosive |
|--------|---|-----------|



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Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate:

| | | |
|------------|---|--|
| Species | : | Guinea pig |
| Assessment | : | Did not cause sensitisation on laboratory animals. |
| Method | : | OECD Test Guideline 406 |
| Result | : | Did not cause sensitisation on laboratory animals. |
| GLP | : | yes |

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

| | | |
|------------|---|--|
| Test Type | : | Maximisation Test |
| Species | : | Guinea pig |
| Assessment | : | The product is a skin sensitiser, sub-category 1A. |
| Method | : | OECD Test Guideline 406 |

Germ cell mutagenicity

Not classified based on available information.

Components:

Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate:

| | | |
|-----------------------|---|---|
| Genotoxicity in vitro | : | Test Type: Ames test |
| | | Test system: Salmonella typhimurium |
| | | Metabolic activation: with and without metabolic activation |
| | | Result: negative |

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

| | | |
|-----------------------|---|---|
| Genotoxicity in vitro | : | Test Type: Ames test |
| | | Test system: Salmonella typhimurium |
| | | Metabolic activation: with and without metabolic activation |
| | | Result: negative |



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Carcinogenicity

Not classified based on available information.

Components:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

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.

Components:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

May be fatal if swallowed and enters airways.

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 : EL50 (Aquatic invertebrates): > 10,000 mg/l



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| | |
|--|--|
| aquatic invertebrates | Exposure time: 48 h |
| Toxicity to algae/aquatic plants | : 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 |

Ecotoxicology Assessment

| | |
|--------------------------|--|
| Acute aquatic toxicity | : Not classified based on available information. |
| Chronic aquatic toxicity | : Not classified based on available information. |

Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate:

| | |
|--|--|
| Toxicity to fish | : LL50 (Oncorhynchus mykiss (rainbow trout)): 4.5 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203 Remarks: The toxicological data has been taken from products of similar composition. |
| Toxicity to daphnia and other aquatic invertebrates | : EL50 (Daphnia magna (Water flea)): 23 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 GLP: yes |
| Toxicity to algae/aquatic plants | : NOEL (Desmodesmus subspicatus (green algae)): 10 mg/l End point: Growth inhibition Exposure time: 72 h Test Type: static test Test substance: WAF Method: OECD Test Guideline 201 Remarks: The toxicological data has been taken from products of similar composition. |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: 0.4 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Test substance: WAF Method: OECD Test Guideline 211 Remarks: The toxicological data has been taken from products of similar composition. |



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Ecotoxicology Assessment

| | |
|--------------------------|--|
| Acute aquatic toxicity | : Toxic to aquatic life. |
| Chronic aquatic toxicity | : Toxic to aquatic life with long lasting effects. |

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

| | |
|--|--|
| Toxicity to fish | : LC50 (Danio rerio (zebra fish)): 1.1 mg/l Exposure time: 96 h Test Type: static test |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia magna (Water flea)): 9.3 mg/l Exposure time: 24 h Test Type: static test |
| Toxicity to algae/aquatic plants | : NOEC (Desmodesmus subspicatus (green algae)): 0.32 mg/l End point: Growth inhibition Exposure time: 72 h Test Type: static test Remarks: The toxicological data has been taken from products of similar composition. |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: 0.039 mg/l End point: Growth Exposure time: 21 d Species: Daphnia magna (Water flea) Test Type: semi-static test |
| M-Factor (Chronic aquatic toxicity) | : 1 |

Ecotoxicology Assessment

| | |
|--------------------------|--|
| Acute aquatic toxicity | : Acute aquatic toxicity Category 2; Toxic to aquatic life. |
| Chronic aquatic toxicity | : Chronic aquatic toxicity Category 1; Very toxic to aquatic life with long lasting effects. |

12.2 Persistence and degradability

Components:

Zinc O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate):

| | |
|------------------|--|
| Biodegradability | : Result: Not readily biodegradable. Biodegradation: 1.5 % Exposure time: 28 d |
|------------------|--|



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Method: **OECD Test Guideline 301B**
Remarks: **The toxicological data has been taken from products of similar composition.**

N,N-Bis(2-ethylhexyl)-[(1,2,4-triazol-1-yl)methyl]amine:

Biodegradability : Result: **Not readily biodegradable.**
Biodegradation: **9 %**
Exposure time: **28 d**
Method: **OECD Test Guideline 301B**

12.3 Bioaccumulative potential

No data available

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:

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.



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Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA_P : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA_P : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA_P : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA (Cargo) : Not regulated as a dangerous good
IATA_P (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable



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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.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

| | |
|---|------------------|
| UK REACH List of restrictions (Annex 17) | : Not applicable |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation | : Not applicable |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) | : Not applicable |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer | : Not applicable |
| UK REACH List of substances subject to authorisation (Annex XIV) | : Not applicable |
| Control of Major Accident Hazards Regulations 2015 (COMAH) | Not applicable |

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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

| | |
|------|---|
| TCSI | : On the inventory, or in compliance with the inventory |
| TSCA | : Product contains substance(s) not listed on TSCA inventory. |
| AIIC | : Not in compliance with the inventory |
| DSL | : All components of this product are on the Canadian DSL |
| ENCS | : On the inventory, or in compliance with the inventory |
| KECI | : On the inventory, or in compliance with the inventory |



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| | |
|-------|---|
| PICCS | : On the inventory, or in compliance with the inventory |
| IECSC | : All components are listed on the inventory, regulatory obligations/restrictions apply |
| NZIoC | : Not in compliance with the inventory |

15.2 Chemical safety assessment

No data available

Inventories

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

SECTION 16: Other information

Full text of H-Statements

| | |
|------|--|
| H304 | : May be fatal if swallowed and enters airways. |
| H314 | : Causes severe skin burns and eye damage. |
| H315 | : Causes skin irritation. |
| H317 | : May cause an allergic skin reaction. |
| H318 | : Causes serious eye damage. |
| H411 | : Toxic to aquatic life with long lasting effects. |

Full text of other abbreviations

| | |
|-----------------|--------------------------------------|
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Asp. Tox. | : Aspiration hazard |
| Eye Dam. | : Serious eye damage |
| Skin Corr. | : Skin corrosion |
| Skin Irrit. | : Skin irritation |
| Skin Sens. | : Skin sensitisation |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
Valvoline™ VR1 RACING SAE 20W-50 Racing
Oil

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Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Internal information : R0517750

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