



SAFETY DATA SHEET

Parts Plus® SAE 10W-30 HIGH
PERFORMANCE Motor Oil

Version: 8.0

Revision Date: 12/02/2019

Print Date:
03/17/2020

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name : Parts Plus® SAE 10W-30 HIGH PERFORMANCE Motor Oil

Product code : 884992

Details of the supplier of the safety data sheet Valvoline LLC 100 Valvoline Way Lexington, KY 40509 United States of America (USA) 1-800-TEAMVAL (1-800-832-6825) SDS@valvoline.com	Emergency telephone number +1-800-VALVOLINE (+1-800-825-8654) Regulatory Information Number 1-800-TEAMVAL (1-800-832-6825) Product Information 1-800-TEAMVAL (1-800-832-6825)
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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion/irritation : Category 3

Serious eye damage/eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.
H316 Causes mild skin irritation.

Precautionary statements : **Prevention:**
P280 Wear eye protection/ face protection.
P264 Wash skin thoroughly after handling.
Response:
P337 + P313 If eye irritation persists: Get medical advice/ attention.



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P332 + P313 If skin irritation occurs: Get medical advice/
attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water
for several minutes. Remove contact lenses, if present and
easy to do. Continue rinsing.

Other hazards which do not result in classification

No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Classification	Concentration (%)
PETROLEUM DISTILLATES	64742-54-7	Not a hazardous substance or mixture.	>= 70.00 - < 90.00
PETROLEUM DISTILLATES	64742-55-8	Asp. Tox. 1; H304	>= 1.00 - < 10.00
PETROLEUM DISTILLATES		Not a hazardous substance or mixture.	>= 1.00 - < 10.00
zinc compound	2215-35-2	Acute Tox. 5; H303 Skin Corr/Irr 2; H315 Eye Corr/Irr 1; H318 Aquatic Acute 2; H401 Aquatic Chronic 2; H411	>= 1.00 - < 2.50

SECTION 4. FIRST AID MEASURES



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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.
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.
Most important symptoms and effects, both acute and delayed	: No symptoms known or expected. Causes serious eye irritation. Causes mild skin irritation. Causes serious eye irritation. Causes mild skin irritation. Causes serious eye irritation. Causes mild skin irritation. Causes serious eye irritation. Causes mild skin irritation. Causes serious eye irritation.
Notes to physician	: No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray Foam Carbon dioxide (CO ₂) Dry chemical
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
Specific extinguishing methods	: Standard procedure for chemical fires.



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Product is compatible with standard fire-fighting agents.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : 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.

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

Methods and materials for containment and 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.

SECTION 7. HANDLING AND STORAGE

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

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

Materials to avoid : No materials to be especially mentioned.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Lubricating oils (petroleum), hydrotreated	64742-58-1	L-8/40	0.2 mg/m3	VE OEL
		TWA	5 mg/m3	CR OEL
PETROLEUM DISTILLATES	64742-54-7	CMP (Mist)	5 mg/m3 Mist	AR OEL
		CMP - CPT (Mist)	10 mg/m3 Mist	AR OEL
		TWA (Mist)	5 mg/m3 Mist	PE OEL
		STEL (Mist)	10 mg/m3	PE OEL



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			Mist	
		L-8/40 (Mist)	5 mg/m3 Mist	VE OEL
		LB (Mist)	10 mg/m3 Mist	VE OEL
		CPT (Mist)	5 mg/m3 Mist	PA OEL
		CCT (Mist)	10 mg/m3 Mist	PA OEL
		L-8/40	0.2 mg/m3	VE OEL
		TWA	5 mg/m3	CR OEL

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

Respiratory protection : No personal respiratory protective equipment normally required.

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

Skin and body protection : Wear as appropriate:
Safety shoes

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : 201 - 249 °C



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Method: Cleveland open cup

Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Self-ignition	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	0.0133333 hPa (21.11 °C) Calculated Vapor Pressure
Relative vapour density	:	No data available
Relative density	:	0.868 (15.56 °C)
Density	:	0.864 g/cm ³
Solubility(ies)		
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	70 mm ² /s (40 °C)
Oxidizing properties	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	Product will not undergo hazardous polymerization.



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Conditions to avoid : None known.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:

PETROLEUM DISTILLATES:

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

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

zinc compound:

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: Not classified as acutely toxic by inhalation under GHS.
Remarks: Information given is based on data obtained from similar substances.

Acute dermal toxicity : LD50 (Rabbit): > 3,160 mg/kg
Method: OECD Test Guideline 402
Assessment: Not classified as acutely toxic by dermal absorption under GHS.



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Skin corrosion/irritation

Causes mild skin irritation.
Not classified based on available information.
Causes mild skin irritation.
Not classified based on available information.

Components:

PETROLEUM DISTILLATES:

Result: **Slight, transient irritation**



PETROLEUM DISTILLATES:

Result: **Slight, transient irritation**



PETROLEUM DISTILLATES:

Result: **Slight, transient irritation**



zinc compound:

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



Serious eye damage/eye irritation

Causes serious eye irritation.
Not classified based on available information.
Causes serious eye irritation.

Product:

Remarks: Unlikely to cause eye irritation or injury.

Components:

PETROLEUM DISTILLATES:

Result: **No eye irritation**



PETROLEUM DISTILLATES:

Result: **Slight, transient irritation**



PETROLEUM DISTILLATES:

Result: **Slight, transient irritation**





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zinc compound:

Result: **Corrosive**

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Components:

zinc compound:

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**

Germ cell mutagenicity

Not classified based on available information.

Components:

zinc compound:

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:

PETROLEUM DISTILLATES:

Carcinogenicity -

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

Assessment

PETROLEUM DISTILLATES:

Carcinogenicity -

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

Assessment

PETROLEUM DISTILLATES:

Carcinogenicity -

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

Assessment

Reproductive toxicity

Not classified based on available information.

STOT - single exposure



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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:

PETROLEUM DISTILLATES:

No aspiration toxicity classification

PETROLEUM DISTILLATES:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Further information

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 13.4699 %

Components:

PETROLEUM DISTILLATES:

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 (Fish): 10 mg/l
Toxicity to daphnia and other aquatic invertebrates	: NOEC (Aquatic invertebrates): 10 mg/l



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(Chronic toxicity)

zinc compound:

Toxicity to fish	: LL50 (<i>Oncorhynchus mykiss</i> (rainbow trout)): 4.5 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203 Remarks: Information given is based on data obtained from similar substances.
Toxicity to daphnia and other aquatic invertebrates	: EL50 (<i>Daphnia magna</i> (Water flea)): 23 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae	: NOEL (<i>Desmodesmus subspicatus</i> (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: Information given is based on data obtained from similar substances.
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (<i>Daphnia magna</i> (Water flea)): 0.4 mg/l Exposure time: 21 d Test substance: WAF Method: OECD Test Guideline 211 Remarks: Information given is based on data obtained from similar substances.

Persistence and degradability

Components:

zinc compound:

Biodegradability	: Result: Not readily biodegradable. Biodegradation: 1.5 % Exposure time: 28 d Method: OECD Test Guideline 301B Remarks: Information given is based on data obtained from similar substances.
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No data available

Bioaccumulative potential

Components:

PETROLEUM DISTILLATES:

Partition coefficient: n-octanol/water	: log Pow: Expected > 7
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No data available



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Mobility in soil

Components:

No data available

Other adverse effects

No data available

Product:

Additional ecological information : No data available

Components:

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Contaminated packaging : Empty remaining contents.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 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

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

Chemical Control Order (CCO) : Not applicable

Priority Chemical List (PCL) : Not applicable

Other international regulations

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

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



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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	: 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)

SECTION 16. OTHER INFORMATION

Further information

Internal information : R0170829

Full text of H-Statements

H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

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 (1-800-VALVOLINE).

Sources of key data used to compile the Safety Data Sheet
Valvoline internal data including own and sponsored test reports



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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

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

CEATOX

Assistance Center of the Institute of Toxicology

Children's Hospital Clinic, Faculty of Medicine

University of São Paulo.

BR OEL : Occupational Exposure Limit (Brazil)

UY OEL : Occupational Exposure Limit (Uruguay)

PY OEL : Occupational Exposure Limit (Paraguay)