		Page: 1
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Trade name : Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil

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

### GHS Classification

Not a hazardous substance or mixture.

### GHS label elements

Not a hazardous substance or mixture.

### 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 (%)
Lubricating oils (petroleum), hydrotreated	64742-58-1	Not a hazardous substance or mixture.	>= 70.00 - < 90.00
PETROLEUM DISTILLATES	64742-54-7	Asp. Tox. 1; H304	>= 1.00 - < 10.00
Reaction products of	36878-20-3	Skin Corr/Irr 3; H316	>= 1.00 - < 10.00

		Page: 2
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

Benzeneamine, N-phenyl- with nonene (branched)		Aquatic Chronic 4; H413	
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**SECTION 4. 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.
- 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 : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:  
acne  
stomach or intestinal upset (nausea, vomiting, diarrhea)  
irritation (nose, throat, airways)  
Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.
- Notes to physician : No hazards which require special first aid measures.

		Page: 3
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

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## 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<sub>2</sub>)  
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  
nitrogen oxides (NO<sub>x</sub>)
- Specific extinguishing methods : Standard procedure for chemical fires.  
  
Product is compatible with standard fire-fighting agents.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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## 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.

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## 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.

**SAFETY DATA SHEET**

Revision Date: 08/30/2018

Print Date: 3/17/2020

SDS Number: 000000273885

Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil

Version: 1.0


PP3370

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
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 Mist	PE OEL
		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
Lubricating oils (petroleum), hydrotreated	64742-58-1	L-8/40	0.2 mg/m3	VE OEL
		TWA	5 mg/m3	CR OEL
DISTILLATES (PETROLEUM)	64742-65-0	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 Mist	PE OEL
		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
		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

		Page: 5
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state : 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 Method: Cleveland open cup
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Upper explosion limit : 6 %(V)  
Calculated Explosive Limit
- Lower explosion limit : 1 %(V)  
Calculated Explosive Limit
- Vapour pressure : 1.3333333 hPa (20 °C)  
Calculated Vapor Pressure
- Relative vapour density : No data available
- Relative density : 0.876 (15.6 °C)

**SAFETY DATA SHEET**

Revision Date: 08/30/2018

Print Date: 3/17/2020

SDS Number: 000000273885

Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC  
BLEND Motor Oil

Version: 1.0

PP3370

Density : 0.8599 g/cm<sup>3</sup> (15.6 °C)**Solubility(ies)**

Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Thermal decomposition : No data available

**Viscosity**

Viscosity, dynamic : No data available

Viscosity, kinematic : 63 mm<sup>2</sup>/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.

Conditions to avoid : None known.

Incompatible materials : Strong oxidizing agents


Hazardous decomposition  
products : carbon dioxide and carbon monoxide  
Hydrocarbons  
Nitrogen oxides (NO<sub>x</sub>)**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Components:**

Lubricating oils (petroleum), hydrotreated:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Assessment: Not classified as acutely toxic by ingestion under  
GHS.

		Page: 7
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Assessment: Not classified as acutely toxic by dermal absorption under GHS.

**PETROLEUM DISTILLATES:**

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

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

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

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.

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Result: Repeated exposure may cause skin dryness or cracking.

**Components:**

Lubricating oils (petroleum), hydrotreated:

Result: No skin irritation

Result: Repeated exposure may cause skin dryness or cracking.

**PETROLEUM DISTILLATES:**

Result: Slight, transient irritation

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

Species: Rabbit

Result: Mild skin irritation


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

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Unlikely to cause eye irritation or injury.

		Page: 8
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

**Components:**

Lubricating oils (petroleum), hydrotreated:  
Result: Slight, transient irritation

**PETROLEUM DISTILLATES:**

Result: No eye irritation

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

Species: Rabbit

Result: Slight, transient irritation

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

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Components:**

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

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

Method: OECD Test Guideline 406

**Germ cell mutagenicity**

Not classified based on available information.

**Components:**

Reaction products of Benzeneamine, N-phenyl- with 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.

**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.



		Page: 9
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

**Product:**

No aspiration toxicity classification

**Components:**

PETROLEUM DISTILLATES:

May be fatal if swallowed and enters airways.

**Further information**

**Product:**

Remarks: No data available

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Components:**

Lubricating oils (petroleum), hydrotreated:

Toxicity to daphnia and other aquatic invertebrates : LC50 (Brine shrimp (*Artemia salina*)): > 22,500 mg/l  
Exposure time: 48 h

Ecotoxicology Assessment

Long-term (chronic) aquatic hazard : No toxicity at the limit of solubility

**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 (Chronic toxicity) : NOEC (Aquatic invertebrates): 10 mg/l

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.

**SAFETY DATA SHEET**

Revision Date: 08/30/2018

Print Date: 3/17/2020

SDS Number: 000000273885

Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil

Version: 1.0

PP3370

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  
Test Type: static test

No data available

**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

No data available

**Bioaccumulative potential****Components:**

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

Partition coefficient: n- : log Pow: &gt; 7.5

octanol/water

No data available

**Mobility in soil****Components:**

No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

**Components:**


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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Contaminated packaging : Empty remaining contents.

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**SECTION 14. TRANSPORT INFORMATION****International transport regulations****REGULATION**

		Page: 11
		<b>SAFETY DATA SHEET</b>
		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

**UN\_DG**

Not dangerous goods

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant	no
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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
- AICS : On the inventory, or in compliance with the inventory
- KECI : On the inventory, or in compliance with the inventory
- IECSC : q (quantity restricted)
- PICCS : On the inventory, or in compliance with the inventory
- TSCA : On TSCA Inventory

		Page: 12
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

### 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

Revision Date: 08/30/2018

### Full text of H-Statements

H304 May be fatal if swallowed and enters airways.  
H316 Causes mild skin irritation.  
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 (1-800-VALVOLINE).

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"

		Page: 13
<b>SAFETY DATA SHEET</b>		Revision Date: 08/30/2018
		Print Date: 3/17/2020
		SDS Number: 000000273885
Parts Plus® HIGH PERFORMANCE SAE 5W-30 SYNTHETIC BLEND Motor Oil		Version: 1.0
PP3370		

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)