



# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 08/25/2017 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Hi-Performance 80W-90 Gear Oil

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricant  
Restrictions on use : No additional information available

#### 1.3. Supplier

Maverick Performance Products  
5950 S. Cooper Rd, Ste 3  
Chandler, AZ 85249  
T 480-621-7302  
[www.vplubricants.com](http://www.vplubricants.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300 Toll-Free USA/CAN

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Acute toxicity (inhalation:dust,mist) Category 4	H332	Harmful if inhaled
Skin corrosion/irritation, Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation
Skin sensitisation, Category 1	H317	May cause an allergic skin reaction

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled

Precautionary statements (GHS-US) :

P261 - Avoid breathing mist, spray, vapours  
P264 - Wash hands, forearms and face thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear eye protection, protective clothing, protective gloves  
P302+P352 - If on skin: Wash with plenty of water/...  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 - Call a doctor if you feel unwell  
P321 - Specific treatment (see First aid measures on this label)  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P337+P313 - If eye irritation persists: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

0.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
0.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
0.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Lubricating oils, petroleum, hydrotreated spent	(CAS-No.) 64742-58-1	40 - 50	Acute Tox. 4 (Inhalation:dust,mist), H332
Long-chain alkyl amine	(CAS-No.) proprietary	0.1 - 1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:gas), H330 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Alkyl phosphate	(CAS-No.) proprietary	0.01 - 0.5	Skin Corr. 1B, H314 STOT SE 3, H335
Long-chain alkenyl amine	(CAS-No.) proprietary	0.01 - 0.5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.
- Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Causes serious eye irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

#### 5.2. Specific hazards arising from the chemical

- Fire hazard : Burning produces irritating, toxic and noxious fumes.  
Reactivity : No dangerous reactions known.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid all eye and skin contact and do not breathe vapour and mist. Ensure adequate ventilation. Use personal protective equipment as required.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Refer to section 8.2.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Refer to section 8.2.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Use only outdoors or in a well-ventilated area. Avoid all eye and skin contact and do not breathe vapour and mist. Use personal protective equipment as required.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool well ventilated place.  
Incompatible products : Strong bases. Strong acids. Strong oxidizers.  
Incompatible materials : Sources of ignition. Direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
-------	--------------------------------	---------------------

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Long-chain alkyl amine (proprietary)</b>
Not applicable
<b>Alkyl phosphate (proprietary)</b>
Not applicable
<b>Long-chain alkenyl amine (proprietary)</b>
Not applicable

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Avoid splashing. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide local exhaust or general room ventilation.

Environmental exposure controls : Prevent leakage or spillage.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. nitrile rubber gloves. neoprene gloves

#### Eye protection:

Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Approved organic vapour respirator. Use an approved respirator equipped with oil/mist cartridges.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless

Odour : characteristic

Odour threshold : No data available

pH : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : 221 °C

Relative evaporation rate (butylacetate=1) : No data available

Flammability (solid, gas) : Non flammable.

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : No data available

Log Pow : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Explosive limits : No data available

Explosive properties : No data available

Oxidising properties : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

### 10.6. Hazardous decomposition products

Hydrocarbon. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Inhalation:dust,mist: Harmful if inhaled.

Hi-Performance 80W-90 Gear Oil	
ATE US (dust,mist)	4.7956450264 mg/l/4h
Lubricating oils, petroleum, hydrotreated spent (64742-58-1)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LD50 dermal rabbit	> 4480 mg/kg
LC50 inhalation rat (mg/l)	2.18 mg/l
ATE US (vapours)	2.18 mg/l/4h
ATE US (dust,mist)	2.18 mg/l/4h
Long-chain alkyl amine (proprietary)	
LD50 oral rat	612 mg/kg
LD50 dermal rat	251 mg/kg
LC50 inhalation rat (ppm)	157 ppm/4h
ATE US (oral)	612 mg/kg bodyweight
ATE US (dermal)	251 mg/kg bodyweight
ATE US (gases)	157 ppmv/4h
Alkyl phosphate (proprietary)	
LD50 oral rat	500 - 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	500 mg/kg bodyweight
Long-chain alkenyl amine (proprietary)	
LD50 oral rat	1689 mg/kg
ATE US (oral)	1689 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Likely routes of exposure	: Inhalation. Skin and eye contact.
Symptoms/effects after inhalation	: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

##### Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

LC50 fish 1	3.2 - 79.6 mg/l
-------------	-----------------

##### Long-chain alkenyl amine (proprietary)

LC50 fish 1	0.11 mg/l 96 h
-------------	----------------

#### 12.2. Persistence and degradability

##### Hi-Performance 80W-90 Gear Oil

Persistence and degradability	May cause long-term adverse effects in the environment.
-------------------------------	---

##### Long-chain alkenyl amine (proprietary)

Persistence and degradability	Readily biodegradable.
-------------------------------	------------------------

#### 12.3. Bioaccumulative potential

##### Hi-Performance 80W-90 Gear Oil

Bioaccumulative potential	Not established.
---------------------------	------------------

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated.

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Transport by sea

Not regulated.

### Air transport

Not regulated.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

#### CANADA

<b>Lubricating oils, petroleum, hydrotreated spent (64742-58-1)</b>
---

Listed on the Canadian DSL (Domestic Substances List) inventory.
--

<b>Long-chain alkyl amine (proprietary)</b>
---

Listed on the Canadian DSL (Domestic Substances List) inventory.
--

<b>Alkyl phosphate (proprietary)</b>
--------------------------------------

Listed on the Canadian DSL (Domestic Substances List) inventory.
--

<b>Long-chain alkenyl amine (proprietary)</b>
---

Listed on the Canadian DSL (Domestic Substances List) inventory.
--

#### EU-Regulations

<b>Lubricating oils, petroleum, hydrotreated spent (64742-58-1)</b>
---

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
--

<b>Long-chain alkyl amine (proprietary)</b>
---

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
--

<b>Alkyl phosphate (proprietary)</b>
--------------------------------------

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
--

<b>Long-chain alkenyl amine (proprietary)</b>
---

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
--

#### National regulations

<b>Lubricating oils, petroleum, hydrotreated spent (64742-58-1)</b>
---

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
---

Listed on KECI (Korean Existing Chemicals Inventory)
--

Listed on Taiwan National Chemical Inventory
--

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
--

Listed on the AICS (Australian Inventory of Chemical Substances)
--

Listed on NZIoC (New Zealand Inventory of Chemicals)
--

Not listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
--

<b>Long-chain alkyl amine (proprietary)</b>
---

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
---

Listed on KECI (Korean Existing Chemicals Inventory)
--

Listed on NZIoC (New Zealand Inventory of Chemicals)
--

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
--

Listed on Taiwan National Chemical Inventory
--

Listed on the AICS (Australian Inventory of Chemical Substances)
--

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
--

# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Alkyl phosphate (proprietary)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on Taiwan National Chemical Inventory  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

### Long-chain alkenyl amine (proprietary)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on Taiwan National Chemical Inventory  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

Data sources : ACGIH (American Conference of Government Industrial Hygienists).  
European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>.  
Kristen Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.  
OSHA 29CFR 1910.1200 Hazard Communication Standard.  
National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.  
TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

Other information : None.

Full text of H-statements:

H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms:



# VP Lubricants Hi-Performance 80W-90 Gear Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

	ATE: Acute Toxicity Estimate
	CAS (Chemical Abstracts Service) number
	EC50: Environmental Concentration associated with a response by 50% of the test population.
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
	LD50: Lethal Dose for 50% of the test population
	OSHA: Occupational Safety & Health Administration
	STEL: Short Term Exposure Limits
	TSCA: Toxic Substances Control Act
	TWA: Time Weighted Average

NFPA health hazard

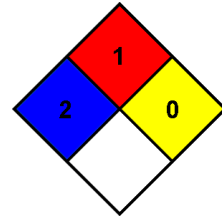
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*