	Page: 1
<b>SAFETY DATA SHEET</b>	Revision Date: 07/17/2017
	Print Date: 10/15/2018
	SDS Number: R0300933
SynPower™ SAE 75W-90 Synthetic Gear Oil ™ Trademark, Valvoline or its subsidiaries, registered in various countries 882505	Version: 1.3

29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Trade name : SynPower™ SAE 75W-90 Synthetic Gear Oil

™ Trademark, Valvoline or its subsidiaries, registered in various countries

<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 (1-800-8326-825)	<b>Emergency telephone number</b> 1-800-VALVOLINE (1-800-825-8654)  <b>Regulatory Information Number</b> 1-800-TEAMVAL (1-800-8326-825)  <b>Product Information</b> 1-800-TEAMVAL (1-800-8326-825)
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## SECTION 2. HAZARDS IDENTIFICATION


### GHS Classification

Eye irritation : Category 2A

Skin sensitization : Category 1

### GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.  
Causes serious eye irritation.

Precautionary Statements : **Prevention:**  
 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
 Wash skin thoroughly after handling.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
 IF ON SKIN: Wash with plenty of soap and water.

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/ attention.

If eye irritation persists: Get medical advice/ attention.

Wash contaminated clothing before reuse.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture


**Hazardous components**

Chemical name	CAS-No.	Classification	Concentration (%)
Distillates (Petroleum), Hydrotreated Heavy Paraffinic	64742-54-7	Asp. Tox. 1; H304	75.49
OLEFINSULFIDE	68937-96-2	Skin Sens. 1B; H317	3.68
Mineral Oil		Asp. Tox. 1; H304	2.40
React. prod. of bis(2-methylpentan-2-yl)dithiophosphoric acid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched)		Flam. Liq. 4; H227 Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Sens. 1; H317	1.3599

**SECTION 4. 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 breathed in, move person into fresh air.  
 If unconscious, place in recovery position and seek medical advice.

	Page: 3
<b>SAFETY DATA SHEET</b>	Revision Date: 07/17/2017
	Print Date: 10/15/2018
	SDS Number: R0300933
SynPower™ SAE 75W-90 Synthetic Gear Oil ™ Trademark, Valvoline or its subsidiaries, registered in various countries 882505	Version: 1.3

If symptoms persist, call a physician.

- |   |   |
|---|---|
| In case of skin contact                                     | : Remove contaminated clothing. If irritation develops, get medical attention.<br>If on skin, rinse well with water.<br>First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.<br>Wash contaminated clothing before re-use.   |
| In case of eye contact                                      | : Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Protect unharmed eye.   |
| If swallowed  | : Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.  |
| Most important symptoms and effects, both acute and delayed | : 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.<br>Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:<br>acne<br>stomach or intestinal upset (nausea, vomiting, diarrhea)<br>irritation (nose, throat, airways)<br>May cause an allergic skin reaction.<br>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.<br>Water spray<br>Foam |
|------------------------------|--|

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

Carbon dioxide (CO<sub>2</sub>)  
 Dry chemical

- Unsuitable extinguishing media : High volume water jet
- 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  
 acrolein  
 Aldehydes  
 formaldehyde  
 Ketones  
 Sulphur oxides  
 Nitrogen oxides (NO<sub>x</sub>)  
 hydrogen sulfide  
 boron oxides
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Standard procedure for chemical fires.
- 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 : Use personal protective equipment.  
 Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent product from entering drains.  
 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.
- Other information : Comply with all applicable federal, state, and local regulations.

**SECTION 7. HANDLING AND STORAGE**

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

- Advice on safe handling** : Do not breathe vapours/dust.  
 Do not smoke.  
 Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
 Container hazardous when empty.  
 Avoid exposure - obtain special instructions before use.  
 Avoid contact with skin and eyes.  
 Smoking, eating and drinking should be prohibited in the application area.  
 For personal protection see section 8.  
 Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage** : Keep container tightly closed in a dry and well-ventilated place.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
WHITE MINERAL OIL	8042-47-5	TWA	5 mg/m3 Mist	OSHA Z-1
		TWA	5 mg/m3 Inhalable fraction	ACGIH
		TWA	5 mg/m3 Mist	OSHA P0
		TWA	5 mg/m3 Mist	NIOSH REL
		ST	10 mg/m3 Mist	NIOSH REL
		PEL	5 mg/m3 particulate	CAL PEL

**Hazardous components without workplace control parameters**

Components	CAS-No.
------------	---------

- Engineering measures** : 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 : A NIOSH-approved air-purifying respirator with an appropriate

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

**Hand protection**
**Remarks**

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection**

: Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

**Skin and body protection**

: Wear as appropriate:  
 Impervious clothing  
 Safety shoes  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
 Discard gloves that show tears, pinholes, or signs of wear.  
 Wear resistant gloves (consult your safety equipment supplier).

**Hygiene measures**

: Wash hands before breaks and at the end of workday.  
 When using do not eat or drink.  
 When using do not smoke.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**
**Physical state**

: liquid

**Odour**

: mild

**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**

: > 390 °F / > 199 °C  
 Method: Cleveland open cup

**Evaporation rate**

: No data available

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various  
 countries  
 882505

Flammability (solid, gas) : No data available

Upper explosion limit : 6 %(V)  
 Calculated Explosive Limit

Lower explosion limit : 1 %(V)  
 Calculated Explosive Limit

Vapour pressure : 1.333333 hPa (20 °C)  
 Calculated Vapor Pressure

Relative vapour density : No data available

Relative density : No data available

Density : 0.86 g/cm3 (15.56 °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 : 100 mm2/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

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

products

Aldehydes  
 carbon dioxide and carbon monoxide  
 Hydrocarbons  
 hydrogen sulfide  
 Nitrogen oxides (NOx)  
 Sodium oxides  
 Sulphur oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

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

**Acute toxicity**

Not classified based on available information.

**Components:**

Distillates (Petroleum), Hydrotreated Heavy Paraffinic:

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

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

**OLEFINSULFIDE:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
 Method: OECD Test Guideline 401  
 Assessment: Not classified as acutely toxic by ingestion under GHS.  
 Remarks: No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
 Method: OECD Test Guideline 402  
 Assessment: Not classified as acutely toxic by dermal absorption under GHS.  
 Remarks: No mortality observed at this dose.

React. prod. of bis(2-methylpentan-2-yl)dithiophosphoricacid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched):

Acute oral toxicity : LD50 (Rat): ca. 2,000 mg/kg  
 Method: OECD Test Guideline 401  
 Assessment: The component/mixture is classified as acute oral toxicity, category 4.

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**



**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

Remarks: May cause skin irritation in susceptible persons.

**Components:**

Distillates (Petroleum), Hydrotreated Heavy Paraffinic:  
 Result: Slight, transient irritation

OLEFINSULFIDE:

Result: Mild skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

**Components:**

Distillates (Petroleum), Hydrotreated Heavy Paraffinic:  
 Result: No eye irritation

OLEFINSULFIDE:

Result: Slight, transient irritation

React. prod. of bis(2-methylpentan-2-yl)dithiophosphoricacid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched):

Result: Corrosive

**Respiratory or skin sensitisation**

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

**Components:**

OLEFINSULFIDE:

Test Type: Maximisation Test

Species: Guinea pig

Assessment: The product is a skin sensitizer, sub-category 1B.

Method: OECD Test Guideline 406

React. prod. of bis(2-methylpentan-2-yl)dithiophosphoricacid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched):

Test Type: Local lymph node assay

Species: Mouse

Method: OECD Test Guideline 429

Result: May cause sensitisation by skin contact.

Germ cell mutagenicity

Not classified based on available information.

**Components:**

OLEFINSULFIDE:

Genotoxicity in vitro

: Test Type: in vitro assay

Result: Positive results were obtained in some in vitro tests.

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
™ Trademark, Valvoline or its subsidiaries, registered in various countries  
882505

Genotoxicity in vivo : Test Type: Micronucleus test  
Test species: Mouse  
Cell type: Bone marrow  
Method: OECD Test Guideline 474  
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.

**Components:**

Distillates (Petroleum), Hydrotreated Heavy Paraffinic:  
May be fatal if swallowed and enters airways.

Mineral Oil:

May be fatal if swallowed and enters airways.

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

Remarks: No data available

**Carcinogenicity:****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

Chronic aquatic toxicity : Not classified based on available information.

**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 (Fish): 10 mg/l

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

**OLEFINSULFIDE:**

Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

React. prod. of bis(2-methylpentan-2-yl)dithiophosphoric acid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched):

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): ca. 24 mg/l  
 Exposure time: 96 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EL50 (Water flea (Daphnia magna)): ca. 91.4 mg/l  
 Exposure time: 48 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 202

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 15 mg/l  
 End point: Growth inhibition  
 Exposure time: 96 h  
 Test Type: static test  
 Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 3.3 mg/l  
 End point: Growth inhibition

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various  
 countries  
 882505

Exposure time: 96 h  
 Test Type: static test  
 Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Water flea (Daphnia magna)): 0.12 mg/l  
 Exposure time: 21 d  
 End point: Reproduction Test  
 Test Type: semi-static test  
 Test substance: WAF  
 Method: OECD Test Guideline 211

Ecotoxicology Assessment  
 Acute aquatic toxicity : Toxic to aquatic life.

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

**Persistence and degradability**
**Components:**

OLEFINSULFIDE:

Biodegradability : Result: Not readily biodegradable.  
 Biodegradation: 13 %  
 Exposure time: 28 d  
 Method: OECD Test Guideline 301B

React. prod. of bis(2-methylpentan-2-yl)dithiophosphoricacid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched):

Biodegradability : Result: Not readily biodegradable.  
 Biodegradation: 7.4 %  
 Exposure time: 28 d  
 Method: Modified Sturm Test

No data available

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

React. prod. of bis(2-methylpentan-2-yl)dithiophosphoricacid + phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched):

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

No data available

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

No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

**Components:**

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
™ Trademark, Valvoline or its subsidiaries, registered in various  
countries  
882505

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

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

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.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.

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

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.

**U.S. DOT - ROAD**

Not dangerous goods

**CFR\_RAIL\_C**

Not dangerous goods

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods

**TDG\_ROAD\_C**

Not dangerous goods

**TDG\_RAIL\_C**

Not dangerous goods

**TDG\_INWT\_C**

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
™ Trademark, Valvoline or its subsidiaries, registered in various  
countries  
882505

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods

**MX\_DG**

Not dangerous goods

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

Marine pollutant

no

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****EPCRA - Emergency Planning and Community Right-to-Know Act  
CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
METHANOL	67-56-1	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard**SARA 313**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

**SAFETY DATA SHEET**

Revision Date: 07/17/2017

Print Date: 10/15/2018

SDS Number: R0300933

Version: 1.3

SynPower™ SAE 75W-90 Synthetic Gear Oil  
 ™ Trademark, Valvoline or its subsidiaries, registered in various countries  
 882505

**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

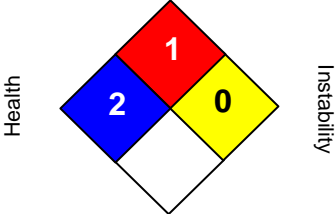
TSCA : On TSCA Inventory

**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**

Revision Date: 07/17/2017

NFPA:	HMIS III:						
<p>Flammability</p>  <p>Health</p> <p>Instability</p> <p>Special hazard.</p>	<table border="1"> <tr> <td><b>HEALTH</b></td><td><b>2</b></td></tr> <tr> <td><b>FLAMMABILITY</b></td><td><b>1</b></td></tr> <tr> <td><b>PHYSICAL HAZARD</b></td><td><b>0</b></td></tr> </table> <p>0 = not significant, 1 = Slight,            2 = Moderate, 3 = High            4 = Extreme, * = Chronic</p>	<b>HEALTH</b>	<b>2</b>	<b>FLAMMABILITY</b>	<b>1</b>	<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>HEALTH</b>	<b>2</b>						
<b>FLAMMABILITY</b>	<b>1</b>						
<b>PHYSICAL HAZARD</b>	<b>0</b>						

**NFPA Flammable and Combustible Liquids Classification**

Combustible Liquid Class IIIB


**Full text of H-Statements**

H227 Combustible liquid.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

	Page: 16
<b>SAFETY DATA SHEET</b>	Revision Date: 07/17/2017
	Print Date: 10/15/2018
	SDS Number: R0300933
SynPower™ SAE 75W-90 Synthetic Gear Oil ™ Trademark, Valvoline or its subsidiaries, registered in various countries 882505	Version: 1.3

H318 Causes serious eye damage.

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.


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).

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



	Page: 17
<b>SAFETY DATA SHEET</b>	Revision Date: 07/17/2017
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WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act

DOT : Department of Transportation

FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC : Hazardous Materials Information Review Commission

HMIS : Hazardous Materials Identification System

NFPA : National Fire Protection Association

NIOSH : National Institute for Occupational Safety and Health

OSHA : Occupational Safety and Health Administration

PMRA : Health Canada Pest Management Regulatory Agency

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System