

The Valvoline Company

Date Prepared: 01/14/02

MSDS No: 999.0300933-002.004I

SYNPOWER FS 75W-90 GEAR OIL 12/1 QT

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: SYNPOWER FS 75W-90 GEAR OIL 12/1 QT

General or Generic ID: SEMI-SYNTHETIC LUBRICATING OIL

Company

The Valvoline Company

P.O. Box 14000

Lexington, KY 40512

Telephone Numbers

Emergency: 1-800-274-5263

Information: 1-859-357-7206

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
SEMI-SYNTHETIC LUBRICATING OIL		100.0

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3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Unlikely to cause eye irritation or injury.

Skin

Prolonged or repeated contact may dry and crack the skin.

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring).

Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways).

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

No data

Other Health Effects

No data

Primary Route(s) of Entry  
Skin contact.

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#### 4. FIRST AID MEASURES

##### Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

##### Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

##### Swallowing

Do not induce vomiting. Give one glass of milk or water, and get medical attention immediately. If possible, do not leave victim unattended.

##### Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

##### Note to Physicians

Preexisting disorders of the following organs ( or organ systems) may be aggravated by exposure to this material: skin.

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#### 5. FIRE FIGHTING MEASURES

##### Flash Point

273.2 F (134.0 C) PMCC

##### Explosive Limit

No data

##### Autoignition Temperature

No data

##### Hazardous Products of Combustion

May form: aldehydes, carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, various hydrocarbons.

##### Fire and Explosion Hazards

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

##### Extinguishing Media

regular foam, carbon dioxide, dry chemical.

##### Fire Fighting Instructions

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical

resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health - 1, Flammability - 1, Reactivity - 1

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6. ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

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7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Not applicable

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

Skin Protection

Wear resistant gloves such as: nitrile rubber, To prevent repeated or prolonged skin contact, wear impervious clothing and boots..

Respiratory Protections

Not required under normal conditions of use.

Engineering Controls

Not required under normal conditions of use.

Exposure Guidelines

Component

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SEMI-SYNTHETIC LUBRICATING OIL  
No exposure limits established

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9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point  
No data

Vapor Pressure  
No data

Specific Vapor Density  
No data

Specific Gravity  
.860 @ 60.00 F

Liquid Density  
7.160 lbs/gal @ 60.00 F  
.860 kg/l @ 15.60 C

Percent Volatiles (Including Water)  
No data

Evaporation Rate  
No data

Appearance  
No data

State  
LIQUID

Physical Form  
No data

Color  
LIGHT

Odor  
MILD

pH  
No data

Viscosity  
14.3 - 15.6 cst @ 100 C  
111.0 cst @ 40 C

Solubility in Water  
INSOLUBLE

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10. STABILITY AND REACTIVITY

Hazardous Polymerization  
Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: aldehydes, carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, various hydrocarbons.

Chemical Stability  
Stable.

Incompatibility  
Avoid contact with: strong oxidizing agents.

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11. TOXICOLOGICAL INFORMATION

No data

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12. ECOLOGICAL INFORMATION

No data

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13. DISPOSAL CONSIDERATION

Waste Management Information  
Dispose of in accordance with all applicable local, state and federal regulations.

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14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:  
Not Regulated

Container/Mode:  
CASES/SURFACE - NO EXCEPTIONS

NOS Component:  
None

RQ (Reportable Quantity) - 49 CFR 172.101  
Not applicable

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15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status  
TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4  
None

SARA 302 Components - 40 CFR 355 Appendix A  
None

Section 311/312 Hazard Class - 40 CFR 370.2  
Immediate(X) Delayed( ) Fire( ) Reactive( ) Sudden

Release of Pressure( )

SARA 313 Components - 40 CFR 372.65  
None

International Regulations

Inventory Status

AICS (AUSTRALIA) The intentional ingredients of this product are listed.

DSL (CANADA) The intentional ingredients of this product are listed.

ECL (SOUTH KOREA) The intentional ingredients of this product are listed.

EINECS (EUROPE) The intentional ingredients of this product are listed.

ENCS (JAPAN) The intentional ingredients of this product are listed.

PICCS (PHILIPPINES) The intentional ingredients of this product are listed.

SWISS (SWITZERLAND) The intentional ingredients of this product are listed.

State and Local Regulations

California Proposition 65  
None

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16. 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.

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