

S&R Fastener Co., Inc.  
Part Number: 3577

The Valvoline Company

Date Prepared: 01/14/02

MSDS No: 505.0172170-002.010I

GM MULTIPURP GREASE 6/4 LB

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Material Identity

Product Name: GM MULTIPURP GREASE 6/4 LB

General or Generic ID: PETROLEUM GREASE

#### Company

The Valvoline Company

P.O. Box 14000

Lexington, KY 40512

#### Telephone Numbers

Emergency: 1-800-274-5263

Information: 1-859-357-7206

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
PETROLEUM BASED LITHIUM COMPLEX GREASE		100.0

### 3. HAZARDS IDENTIFICATION

#### Potential Health Effects

##### Eye

Can cause eye irritation.

##### Skin

Can cause skin irritation.

##### 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). Breathing small amounts of this material is not likely to be harmful.

##### Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea).

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, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek 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

450.0 F (232.2 C) D-92

##### Explosive Limit

Not applicable

##### Autoignition Temperature

No data

#### Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide, 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 - 0

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### 6. ACCIDENTAL RELEASE MEASURES

#### Small Spill

Sweep up material for disposal or recovery.

#### Large Spill

Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

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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: neoprene, Wear normal work clothing covering arms and legs.

**Respiratory Protections**

If workplace exposure limit(s) of product or any component is exceeded (See Exposure Guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

**Engineering Controls**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

**Exposure Guidelines****Component**

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**PETROLEUM BASED LITHIUM COMPLEX GREASE**

No exposure limits established

**9. PHYSICAL AND CHEMICAL PROPERTIES****Boiling Point**

(for product) > 700.0 F (371.1 C) @ 760.00 mmHg

**Vapor Pressure**

Not applicable

**Specific Vapor Density**

> 1.000 @ AIR=1

**Specific Gravity**

.950 @ 60.00 F

**Liquid Density**

Not applicable

**Percent Volatiles (Including Water)**

No data

**Evaporation Rate**

Not applicable

**Appearance**

No data

**State**

SEMISOLID

**Physical Form**

JELLY

Color  
MEDIUM AMBER

Odor  
No data

pH  
Not applicable

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#### 10. STABILITY AND REACTIVITY

Hazardous Polymerization  
Product will not undergo hazardous polymerization.

Hazardous Decomposition  
May form: carbon dioxide and carbon monoxide, 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  
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  
Not determined

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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