1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity
Product Name: VAL-PLEX EP GREASE
SAP Material No: VV612
General or Generic ID: PETROLEUM GREASE

Company                Telephone Numbers
The Valvoline Company               Emergency:     1-800-274-5263
P.O. Box 14000                Information:   1-859-357-7206
Lexington, KY  40512

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)                                CAS Number    % (by weight)
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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.
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.

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

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.
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

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

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.
11. TOXICOLOGICAL INFORMATION
No data

12. ECOLOGICAL INFORMATION
No data

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

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

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
Not determined
State and Local Regulations
California Proposition 65: None

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.