



# SAFETY DATA SHEET

Issue Date 6/10/2016

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Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name:** V.I. Plus Oil Supplement

### Other means of identification

**Product code:** F-510

**Synonyms:** None

### Recommended use of the chemical and restrictions on use

**Recommended Use:** Additive.

**Uses advised against:** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

FRONTIER PERFORMANCE LUBRICANTS INC

PO BOX 1777

LODI, CA 95241

Phone: (800)-807-4496

Fax: (209)-334-6408

### Emergency telephone number

**Emergency Telephone:** PERS (800)-633-8253

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Liquid. Slight petroleum odor.

**Most Important Hazards:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazard Classifications:** Flammable Liquids, Category 3  
Serious eye damage, Category 1

**Signal Word:** Danger!



### **Hazard Pictograms:**

**Hazard Statements:** Causes serious eye damage  
Flammable liquid and vapor

### **Precautionary Statements:**

#### **Prevention**

Keep container tightly closed.  
Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting equipment.  
Take precautionary measures against static discharge.  
Use only non-sparking tools.

**Response**

If swallowed: immediately call a poison center or doctor/physician.  
 Do not induce vomiting.  
 In case of fire, use dry chemical to extinguish.  
 If in eyes, 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.  
 If on skin or hair: remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**Storage**

Store locked up.  
 Dispose of contents/container according to local, state and federal regulations.  
 Store in cool/well ventilated place.

**Disposal**

Dispose of contents/containers in accordance with local and national regulations.

**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 probable, possible, or confirmed human carcinogen by OSHA.

**NTP**

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 NTP.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient       | Weight % | CAS #   |
|------------------|----------|---------|
| Isobutyl Alcohol | 8-10     | 78-83-1 |

To the knowledge of the supplier, there are no other ingredients in this product that are classified as hazardous.

### 4. FIRST AID MEASURES

**Eyes:**

Flush eyes with running water for at least 15 minutes. If redness, burning, blurred vision or irritation persists, transport to nearest medical facility for additional treatment.

**Skin:**

Flush skin with water, wash with soap and water. If irritation occurs, get medical attention. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.

**Ingestion:**

Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**Inhalation:**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

### 5. FIRE-FIGHTING MEASURES

**Base Oil Flash Point (ASTM D92):** >205 °C

**Auto Ignition Temperature:** Not Determined

**Suitable Extinguishing Media:** Carbon Dioxide (CO<sub>2</sub>)  
 Dry powder  
 Foam  
 Alcohol-resistant foam  
 Water mist

**Special Firefighting Measures:** Procedures for an oil fire should be utilized. Use self-contained breathing apparatus. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions/Procedures:** Use PPE and ensure adequate ventilation.

**Environmental Precautions:** Should not be released into the environment.  
Do not contaminate water.  
Do not flush to surface water or sanitary sewer system.

**Methods and Materials for Containment/Clean Up:**

Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see section 13).

## 7. HANDLING AND STORAGE

**Handling and Storage Precautions** Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent sparking. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use adequate ventilation to keep vapors and mists of this material below applicable standards. Recommended work place control parameters: based on mineral oil ACGIH TWA 5 mg/m<sup>3</sup>.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn (OSHA Respiratory Protection Standard 29 CFR 1910.134).

**Skin Protection:** Use protective clothing that is chemically resistant to this product. Acceptable materials for gloves and aprons are: neoprene, nitrile rubber, or viton.

**Eye Protection:** Use safety glasses or goggles. Have suitable eye wash water available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Green

**Appearance:** Liquid

**Specific Gravity:** 0.8-0.9

**Solubility in Water:** Insoluble

**Vapor Pressure:** Not Determined

**%Volatile by Volume:** Not Determined

**Evaporation Rate:** Not Determined

**Odor:** Characteristic

**Vapor Density (air = 1):** Not Determined

**Boiling Point:** Not Determined

**Reactivity in Water:** Not Reactive

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable.

**Conditions to Avoid:** Sources of ignition.

**Incompatibility:** Strong oxidizing or reducing agents.

**Decomposition Products:** Oxides of carbon and hydrogen.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Inhalation, skin, eyes, and ingestion.

**Potential Health Effects:**

**Eye Effects:** Can cause irritation, redness, burns, and tissue destruction.

**Skin Effects:** Can cause inflammation, and significant irritation.

**Oral Effects:** Gastrointestinal tract irritation, nausea, and vomiting if swallowed.

**Inhalation Effects:** May cause respiratory tract irritation.

**Chronic Health Effects:** No data available to indicate product or components present in Mixture are chronic health hazards.

**Mutagenicity:** Negative

**Reproductive Effects:** Not Determined

**Teratogenicity:** Not Determined

**Sensitization:** See Section 2

**Toxicological Data:** ATE oral is >2,000 mg/kg  
 ATE dermal is > 4,000 mg/kg  
 ATE inhalation (mist/aerosol) is estimated at 2.2 mg/L/4 h

## 12. ECOLOGICAL INFORMATION

Not classified due to inadequate data available on this mixture. Highly recommend avoidance of release to environment.

## 13. DISPOSAL CONSIDERATIONS

Avoid release to the environment. Dispose in a safe manner in accordance with national, state and local regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Dispose of container by recycling or if permitted incineration.

## 14. TRANSPORT INFORMATION

**Proper Shipping Name:** PETROLEUM OIL; NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR.  
**Shipping Class:** 65  
**DOT Identification Number:** N/A  
**DOT Shipping Label:** Not Regulated by DOT.  
**TDG Classification:** Not controlled under TDG (Canada)

## 15. REGULATORY INFORMATION

### U.S. Federal Regulatory Information

**SARA 302 Threshold Planning Quantity:** N/A  
**SARA 304 Reportable Quantity:** N/A  
**Sara 311 Categories:**  
**Acute Health Effects:** None  
**Chronic Health Effects:** None  
**Fire Hazard:** No  
**Sudden Release of Pressure Hazard:** No  
**Reactivity Hazard:** No  
**EPA/TSCA Inventory:** Listed  
**EPA Classification Code:** N/A  
**CERCLA:** No components are subject to reporting.  
**Sara Title III-Section 313 Supplier Notification:** No components listed in this product exceed the DE Minimus reporting level established by SARA Title III < Section 313 and 40 CFR 372.  
**WHMIS Classification:** See Section 2.  
**Other Regulations:** All components of this formulation are listed on the CEPA-DSL

## 16. OTHER INFORMATION

### NFPA Hazard Rating:

**Health: 1 Slight**

**Flammability: 2 Moderate**

**Reactivity: 0 Negligible**

**Issue Date** 6/10/2016  
**Revision Date** 6/10/2016  
**Revision Note** Not applicable

### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**