

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME : V LUBE B**

### 1. Product and Company Identification

Product name: V Lube B  
Synonyms: Lubricating Oil  
Item Numbers: 254-117-001; 254-539-001; 297-854-001

#### European Contact Details

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#### General enquiries

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Toll Free: 1-800-848-9800

24 h Emergency telephone number:

Chemtrec: 1-800-424-9300

### 2. Hazards Identification

#### EMERGENCY OVERVIEW

Non-hazardous in bulk liquid form at low to moderate temperatures. Prolonged exposure to skin may possibly cause dermatitis. Inhalation of oil mists or vapours from hot oil may cause irritation of the upper respiratory tract. Toxic gases will be produced at high temperatures.

For short and long term exposure effects, refer to Section 11 Toxicological data.

Eye Effects: .Contact may cause mild eye irritation including stinging, watering, and redness.

Skin Effects: .Contact may cause mild skin irritation including redness, and a burning sensation. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin leading to dermatitis (inflammation). No harmful effects from skin absorption are expected.

Ingestion/Oral Effects: .Oil is not toxic; however, if oil is aspirated into the lungs during ingestion or subsequent vomiting, dangerous fluid retention and swelling in the lungs (edema) may occur.

Inhalation Effects: .No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May include skin disorders.

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NFPA Hazard codes		HMIS Hazard codes		Rating System
Health	1	Health	1	0 = No Hazard
Flammability	1	Flammability	1	1 = Slight Hazard
Instability	0	Reactivity	0	2 = Moderate Hazard
				3 = Serious Hazard
				4 = Severe Hazard

### Additional Information :

National Fire Protection Association Hazard Codes are designed for use by firefighters, sheriffs, or other emergency response teams who are concerned with the hazards associated with emergency releases and fire conditions. These NFPA codes are designed to address the hazards of this product during a fire or emergency release.

HMIS codes are intended for use in everyday workplace settings to provide a rapid indication of the occupational hazards associated with chemicals used in the workplace.

### 3. Composition/Information on Ingredients

Ingredient	% Weight	CAS No	Hazard class*	Risk phrase*
Lubricant Base Oil - Petroleum	> 95% by volume	Various	Not Applicable	Not Applicable
Proprietary Additives	< 5% by volume	Proprietary	Not Applicable	Not Applicable

\*Hazard class & Risk phrase. These columns are only completed for ingredients which are classified as hazardous under EU Directive No 1272/2008 (as amended) and are present in sufficient concentration to make the overall substance hazardous. In all other situations, the column will be completed as "Not applicable".

### 4. First Aid Measures

Eyes:	If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.
Skin:	Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water and, if necessary, a waterless skin cleanser. If irritation or redness develops and persists, seek medical attention.
Ingestion/Oral:	First aid is not normally required. However, if symptoms develop, seek medical attention. Do not induce vomiting.
Inhalation:	If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.
Other Information:	Not applicable.

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### 5. Firefighting Measures

**Extinguishing Media:** Dry chemical, carbon dioxide, foam, or water spray is recommended. Use of water stream directly on burning material may cause violent frothing and spread the fire.

**Fire and Explosion Hazard:** This material may burn, but will not ignite readily. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.

**Special Protective Equipment for Firefighters:** Fire fighters should wear a self-contained breathing apparatus (SCBA) which meets appropriate standards operated in positive pressure mode, and full turnout gear.

For Flammability Properties - refer to Section 9.

### 6. Accidental Release Measures

Remove/extinguish sources of ignition. Avoid inhalation and contact with skin and eyes. Stop the leak if it is safe/possible to do so. Use dykes to prevent spreading.

Use suitable inert absorbent materials to absorb spilled product. Dispose of collected product safely: see Section 13 "Disposal Considerations".

Avoid contaminating sewers, streams, rivers and other water courses with spilled product. Notify the appropriate authorities if significant contamination occurs.

### 7. Handling and Storage

**Handling:** Wear protective gloves. Wash thoroughly after handling and before meals and breaks.

**Storage:** No special requirements.

### 8. Exposure Controls/Personal Protection

#### Exposure Limits:

Ingredient	ACGIH - TLV	OSHA - PEL	Occupational Exposure Limits EH40 (UK)
Base oil	10 mg/m <sup>3</sup> 1 - STEL 5 mg/m <sup>3</sup> 1 - TWA (as oil mist, mineral)	5 mg/m <sup>3</sup> (as oil mist, mineral)	5 mg/m <sup>3</sup> - TWA2 10 mg/m <sup>3</sup> - 15 min TWA2

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### Personal Protection:

Engineering Measures:	Oil mist eliminators should be installed on pumps using this product.
Respiratory Protection:	None required under normal conditions of use.
Hand/Skin Protection:	Wear impervious gloves and avoid prolonged skin contact.
Eye/Face Protection:	Use chemical splash goggles in case of splashing.
Hygiene Measures:	DO NOT eat or smoke in areas where product is in use. Launder contaminated clothing before re-use. Dispose of contaminated clothing that cannot be properly cleaned (e.g.: leather shoes).
Other/General Protection:	General ventilation is adequate.

### 9. Physical and Chemical Properties

Appearance and Odour	Liquid, clear yellow to brown. Characteristic Petroleum.	Boiling point	> 291 / 555	°C/°F
pH (as supplied)	No data available	Freezing Point	No data available	°C/°F
Solubility in Water	Negligible	Auto Ignition	No data available	°C/°F
Volatile Content by Volume	Negligible	Flash Point	> 221 / 431	°C/°F
Specific Gravity	0.87 - 0.89			
Vapour Pressure (mbar)	< 1.333	Vapour Pressure (Torr)	< 1.0	

### Additional Information :

Density	7.5 lbs/gal.
Vapor Density (air=1)	>1.
Evaporation Rate (nBuAc=1)	<1.

### 10. Stability and Reactivity

Stability:	Stable under normal conditions of storage and handling.
Material/Conditions to Avoid:	Extended exposure to high temperatures can cause decomposition. Avoid contact with strong oxidizing agents.
Hazardous Decomposition:	Combustion can yield aldehydes and carbon, nitrogen and sulfur oxides. Thermal decomposition may produce hydrogen sulfide and other sulfur-containing gases at temperatures greater than 150°F.
Hazardous Polymerisation:	Will not occur.

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### 11. Toxicological Information

For a comprehensive description for the various toxicological (health) effects which may arise if the user comes into contact with the substance or preparation refer to Section 2 Hazards Identification.

#### Animal data:

LD50 value: Highly refined petroleum oil is generally considered non-toxic if ingested.

LC50 value: Not applicable.

#### Carcinogenicity:

The product does not contain any chemicals that are listed as carcinogens.

### 12. Ecological Information

Mobility: No information available.

Degradability: No information available.

### 13. Disposal Considerations

Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should in any case be taken to ensure compliance with EU, national and local regulations. This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

Empty drums may contain combustible product residue. Use appropriate precautions.

### 14. Transport Information

This product is not classified as dangerous under transport regulations.

PARAMETER	EUROPEAN	CANADIAN TDG	UNITED STATES DOT
Proper Shipping Name	Not applicable	Not applicable	Not applicable
Hazard Class	Not applicable	Not applicable	Not applicable
Identification Number	Not applicable	Not applicable	Not applicable
Shipping Label	Not applicable	Not applicable	Not applicable

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### 15. Regulatory Information

#### European Regulatory Information

This product has been classified in accordance with EU Regulation No 1272/2008 (as amended) on the Classification, Labelling and Packaging of Substances and Mixtures.

Classified as dangerous to supply: No.

Risk Phrases: Not applicable.

Safety Phrases: Not applicable.

Symbols: None.

#### United States Regulatory Information

All materials contained in this product are included on the US Toxic Substances Control Act (TSCA).

#### SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and 40 CFR Part 372.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

#### Canadian Regulatory Information

WHMIS Classification:

All ingredients in this product are included in the Canadian DSL.

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### 16. Other Information

This MSDS is compiled in accordance with ANSI Z400.1 and Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Sources of information for this data sheet:

- Original supplier information.

### Glossary:

**ACGIH** - American Conference of Governmental Industrial Hygienists; **ANSI** - American National Standards Institute; **Canadian TDG** - Canadian Transportation of Dangerous Goods; **CAS** - Chemical Abstracts Service; **CFR** - Code of Federal Regulations; **Chemtrec** - Chemical Transportation Emergency Center (US); **CHIP** - Chemical (Hazard Information and Packing); **DSL** - Domestic Substances List; **EEC** - European Economic Community; **EH40 (UK)** - HSE Guidance Note EH40 Occupational Exposure Limits; **EPCRA** - Emergency Planning and Community Right-to-Know Act; **EU** - European Union; **HMIS** - Hazardous Material Information Service; **LC** - Lethal Concentration; **LD** - Lethal Dose; **NFPA** - National Fire Protection Association; **OSHA** - Occupational Safety and Health Administration, US Department of Labour; **PEL** - Permissible Exposure Limit; **SARA (Title III)** - Superfund Amendments and Reauthorization Act; **SARA 313** - Superfund Amendments and Reauthorization Act, Section 313; **SCBA** - Self-Contained Breathing Apparatus; **STEL** - Short Term Exposure Limit; **TLV** - Threshold Limit Value; **TSCA** - Toxic Substances Control Act Public Law 94-469; **TWA** - Time-Weighted Average; **US DOT** - US Department of Transportation; **WHMIS** - Workplace Hazardous Materials Information System.

### Revisions:

May 2010 - This document has been reformatted and updated to reflect the latest safety information.

Individual changes are not highlighted.

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