



**CRC Industries, Inc.**

Power Lube W/Teflon

**NFPA**

Manufacturer MSDS Number: 494B

4  
2 0

**HMIS**

HEALTH	2
FIRE	4
REACTIVITY	0
PPE	B



**SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS Name: Power Lube W/Teflon

Manufacturer Name: CRC Industries, Inc.

Address:

885 Louis Drive  
Warminster, PA 18974

Business Phone: (215) 674-4300

For information in North America, call: (215) 674-4300

Chemtrec: For emergencies in the US, call CHEMTREC: 800-424-9300

Manufacturer MSDS Revision Date: March 21, 2002

Trade Names:

Power Lube® w/TEFLON®

NFPA

Health: 2

Flammability: 4

Reactivity: 0

Other:

HMIS

Health Hazard: 2

Fire Hazard: 4

Reactivity: 0

Personal Protection: B

Product Codes:

03045



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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Percent	
Inhibited Paraffinic Oil	Mixture	23-33%	

OSHA PEL TWA: 5 mg/m<sup>3</sup>  
 ACGIH TLV TWA: 5 mg/m<sup>3</sup>  
 Other Exposure Guidelines:  
 (mist)

Chemical Name	CAS#	Percent	
Isohexanes	107-83-5	30-40%	

OSHA PEL TWA: 500 ppm  
 ACGIH TLV TWA: 500 ppm  
 Other Exposure Guidelines:  
 Not Established

Chemical Name	CAS#	Percent	
n-Hexane	110-54-3	< 10%	

OSHA PEL TWA: 50 ppm  
 ACGIH TLV TWA: 50 ppm  
 Other Exposure Guidelines:  
 Not Established

Chemical Name	CAS#	Percent	
Methyl Salicylate	119-36-8	< 10%	

OSHA PEL TWA: Not Established  
 ACGIH TLV TWA: Not Established  
 Other Exposure Guidelines:  
 Not Established

Chemical Name	CAS#	Percent	
Dipropylene glycol methyl ether	34590-94-8	< 10%	

OSHA PEL TWA: 100 ppm  
 ACGIH TLV TWA: 100 ppm  
 Other Exposure Guidelines:  
 Not Established

Chemical Name	CAS#	Percent	
Zinc Dithiophosphate	19210-06-1	< 10%	

OSHA PEL TWA: Not Established  
 ACGIH TLV TWA: Not Established  
 Other Exposure Guidelines:  
 Not Established

Chemical Name	CAS#	Percent	
Propane	74-98-6	10-20%	

OSHA PEL TWA: 1000 ppm  
 ACGIH TLV TWA: Not Established  
 Other Exposure Guidelines:  
 Not Established

Chemical Name	CAS#	Percent	
Isobutane	75-28-5	10-20%	

OSHA PEL TWA: Not Established  
 ACGIH TLV TWA: Not Established  
 Other Exposure Guidelines:  
 1000 ppm



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### SECTION 3 : HAZARDS IDENTIFICATION

#### Emergency Overview:

Danger: Extremely Flammable. Harmful or Fatal if Swallowed. Contents Under Pressure.

#### Physical State:

Opaque liquid

Color: Amber

Odor: Oil of wintergreen odor.

#### Applies to All Ingredients:

#### Potential Health Effects:

Eye Contact:

Irritation

Skin Contact:

Irritation

Inhalation:

Headaches, dizziness, irritation of respiratory tract, unconsciousness, other

central nervous system effects and breathing problems.

Ingestion:

Not Applicable

Chronic Health Effects:

Repeated overexposures may cause damage to nervous system – dermatitis.

Carcinogenicity:

OSHA Designation: NO

NTP Designation: NO

IARC Designation: NO

Aggravation of Pre-Existing Conditions:

Pre-existing breathing problems.



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#### **SECTION 4 : FIRST AID MEASURES**

Eye Contact:

Flush with large amounts of water for 15 minutes.

Skin Contact:

Remove contaminated clothing and wash area with soap and water.

Inhalation:

Remove to fresh air. Give artificial respiration if necessary.

Ingestion:

Call a physician. Do not induce vomiting.



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#### **SECTION 5 : FIRE FIGHTING MEASURES**

Flash Point:

< 20 deg F

Flash Point Method:

TCC

Upper Flammable or Explosive Limit:

Not Determined

Lower Flammable or Explosive Limit:

Not Determined

CO2, dry chemical and foam

Hazardous Combustion Byproducts:

Thermal – carbon monoxide

Fire Fighting Instructions:

Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Aerosol cans may explode if heated above 120 deg F.

NFPA

Health: 2

Flammability: 4

Reactivity: 0

Other:

HMIS:

Health: 2

Flammability: 4

Reactivity: 0

PPE: B



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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

Spill Cleanup Measures:

Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.



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**SECTION 7 : HANDLING and STORAGE**

Storage:

Store in a cool, dry area. Aerosol cans must be maintained below 120 deg F to prevent cans from exploding.

Aerosol Level: III



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## **SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

### Engineering Controls:

Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

### Protective Clothing/Body Protection:

Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

### Respiratory Protection:

Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.



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## **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

### Physical State/Appearance:

Opaque liquid

### Color:

Amber

### Odor:

Oil of wintergreen odor

### Physical State:

Liquid

### pH:

Not Applicable

### Vapor Pressure:

Not Determined

### Vapor Density:

(air = 1): > air

### Boiling Point:

138 deg F (initial)

### Freezing Point:

Not Determined

### Solubility:

Negligible in water

Specific Gravity:  
0.7683

Evaporation Point:  
Not Applicable

Volatile Organic Compound Content:  
%: 68.2  
g/L: 492  
lbs./gal: 4.1

Flashpoint:  
< 20 deg F

Upper Flammable Explosive Limit:  
Not Determined

Lower Flammable Explosive Limit:  
Not Determined



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## SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:  
Stable

Incompatibilities with Other Materials:  
Strong oxidizers.  
Materials to Avoid: Strong oxidizers.

Hazardous Polymerization:  
No

Hazardous Decomposition Products:  
None



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## SECTION 11 : TOXICOLOGICAL INFORMATION

### **Applies to All Ingredients:**

#### Acute Health Effects:

See Section 3 of this MSDS for acute symptoms of overexposure.

#### Chronic Effects:

Long-term toxicological studies have not been conducted for this product.

See Section 3 of this MSDS for carcinogenicity information.



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### **SECTION 12 : ECOLOGICAL INFORMATION**

Ecotoxicity:

No data available.

Environmental Fate:

No data available for biodegradation.



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### **SECTION 13 : DISPOSAL CONSIDERATIONS**

Waste Disposal:

This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.



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### **SECTION 14 : TRANSPORT INFORMATION**

DOT Shipping Information:

Placard: Not Applicable

Special Provisions: Not Applicable

DOT Shipping Name:

Consumer Commodity

DOT UN Number:

Not Applicable

DOT Hazard Class: ORM-D

DOT Packing Group: Not Applicable

DOT Subpart E Labeling Requirement: Not Applicable



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### **SECTION 15 : REGULATORY INFORMATION**



**Applies to All Ingredients:**

TSCA 8(b): Inventory Status

All components are either listed under TSCA or are exempt.

Section 302 (Yes/No): No

Section 304 CERCLA RQ: Mixture

Section 312 Hazard Category:

Acute: Yes

Pressure: Yes

State:

California Prop 65: This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

**n-Hexane:**

Section 313 Toxic Release Form (Yes/No): Yes

See section 2 for percentage



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**SECTION 16 : ADDITIONAL INFORMATION**

HMIS:

Health Hazard: 2

Fire Hazard: 4

Reactivity: 0

Personal Protection: B

NFPA:

Fire Hazard: 4

Health: 2

Reactivity: 0

MSDS Revision Date:

March 21, 2002

MSDS Author:

Adam M. Selisker

Technical Information: (800) 521-3168

Disclaimer:

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

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Abbreviations:

CAS: Chemical Abstract Service  
NA: Not Applicable  
ppm: Parts per Million  
ND: Not Determined  
TCC: Tag Closed Cup  
NE: Not Established  
LEL: Lower Explosive Limit  
g/L: grams per Liter  
UEL: Upper Explosive Limit  
lbs./gal: pounds per gallon  
PPE: Personal Protection Equipment  
RQ: Reportable Quantity  
COC: Cleveland Closed Cup

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