

HMIS Rating		<b>MATERIAL SAFETY DATA SHEET</b> (Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor) Form approved OMB No. 1218-0072 OSHA 174 - Sept. 1985	NFPA Rating	
Health	2		Health	
Flammability	4		Flammability	
Reactivity	0		Reactivity	
Personal Protection	1		Special	

**Section I - Product Identification**

## Clear Lube 74181

Marketer's Name Must Appear Below	DOT Shipping and Hazard Classification Consumer Commodity      ORM-D
Manufactured For: <b>Maintenance Magic</b>	Emergency Telephone Number <b>(800) 255-3924</b>
Address: <b>740 Clay Street NW Auburn, WA 98001</b>	Telephone Number for Information <b>(253) 804-8666</b>
	Date Prepared                              July 17, 2002

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity)	CAS Number	OSHA PEL	ACGIH TLV	Other Limits
Propane	74-98-6	1000 PPM	Not Est.	NA
Butane	106-97-8	Not Est.	800 PPM	NA
* Hexane	110-54-3	50 PPM	50 PPM	NA

*All chemical compounds marked with an Asterisk (\*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name is sold. This statement must remain a part of this Material Safety Data Sheet.*

**Section III - Physical/Chemical Characteristics**

Boiling Point: NE	Specific Gravity (H <sub>2</sub> O=1): 0.7 Concentrate	Percent Volatile by Volume (%) : NA
Vapor Pressure PSIG @ 70°F: 70	Vapor Density (Air=1): NA	Evaporation Rate (Butyl Acetate=1): Slower
Solubility in Water: Not Soluble	Appearance: Clear Liquid Spray	Odor:    pH: Light Citrus odor                              NA

**Section IV - Fire and Explosion Hazard Data**

Flammability (per flame projection): Extremely Flammable	Flammable Limits: LEL      UEL NE                              NE
Extinguishing Media: Dry chemical, (B-C), Foam, C02	
Special Fire Fighting Procedures: Keep containers cool using water spray to avoid bursting. Use appropriate equipment to protect personnel from bursting containers.	
Unusual Fire and Explosion Hazards: Contents under pressure. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.	

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

## Section V - Reactivity Data

STABILITY:  Unstable  Stable Conditions to Avoid:  
Open flames: temperatures above 120°F

Incompatibility (Materials To Avoid): Strong oxidizers

Hazardous Decomposition or By-products: CO, CO<sub>2</sub>, Hydrocarbons

Hazardous Polymerization  May Occur  Will Not Occur Conditions to Avoid: None known

## Section VI - Health Hazard Data

Routes of Entry: Inhalation Yes Ingestion Unlikely Skin Absorption Yes Eye

Carcinogenicity: NTP? IARC Monograph? OSHA Regulated?

Health Hazards (Acute and Chronic): INHALATION: High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, headache, or ingestion. EYE CONTACT: Direct spray or vapors may irritate and may harm eyes. SKIN CONTACT: Product may cause irritation due to defatting of skin. INGESTION: Harmful or fatal if swallowed.

### Signs and Symptoms of Exposure

**Inhalation:** Difficulty in breathing, dizziness, nausea, headache or indigestion.

**Ingestion:** Harmful or fatal if swallowed. Get medical attention immediately.

**Skin Contact:** Irritation.

**Eye Contact:** Irritation.

Medical Conditions Aggravated by Exposure: None known

### Emergency First Aid Procedures

**Inhalation:** Remove to fresh air. Give oxygen. Resuscitate if necessary. Get medical help.

**Ingestion:** DO NOT INDUCE VOMITING. Get medical attention immediately.

**Skin Contact:** Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

**Eye Contact:** Flush with water for 15 minutes. Get medical attention if irritation persists.

## Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Absorb spill with inert material then place in a chemical waste container. Exposure to temperatures above 120°F may cause container to burst.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

Precautions to be Taken in Handling and Storing: Use with adequate ventilation. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to

Other Precautions: burst.

## Section VIII - Control Measures

### Protective Equipment Types

Eyes: Wear safety glasses or goggles.

Respiratory: Self contained breathing apparatus if above TLV limit exceeding.

Gloves: Wear chemical resistant gloves.

Other: None required.

Ventilation: General Mechanical Local Exhaust Maintain adequate ventilation.

Work/Hygienic Practises: Do not smoke while using. Wash hands after use.