

# Pressure-Lube, Inc.

## Material Safety Data Sheet

Approval Date 1/31/2007  
Supersedes Date 10/31/2006

Section I. Chemical Product and Company Identification	
<b>Product Name/ Trade Name</b>	<b>JAX TOOL LIFE CUTTING OIL</b>
<b>Product ID No.</b>	<b>JAX117; 00117</b>
<b>Supplier</b>	<b>PRESSURE-LUBE, INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA</b>
<b>Synonym(s)</b>	None
<b>Chemical Name</b>	Not applicable
<b>Chemical Family</b>	Mixture
<b>Chemical Formula</b>	Mixture
<b>Material Uses</b>	Cutting Oil
<b>Emergency Telephone</b>	For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC: NORTH AMERICA 800-424-9300 INTERNATIONAL +01-703-527-3887 Collect
<b>Non-Emergency Contact</b>	JAX: 262-781-7660 JAX/FAX: 262-781-3906

Section II. Composition and Information on Ingredients				
Name	PEL/TLV, Source	CAS #	% by Weight	
PROPRIETARY FORMULA.				
Trichloroethylene	50 ppm, ACGIH	79-01-6	20-30	
<b>LC<sub>50</sub>, LD<sub>50</sub> of Ingredients</b> Not available				

Section III. Hazards Identification	
<b>Emergency Overview</b>	NOTES TO PHYSICIAN: Following trichloroethylene overexposure, epinephrine or other stimulant may cause ventricular arrhythmia due to potentiation of endogenous epinephrine. Ethyl alcohol markedly augments the health effects of trichloroethylene.
<b>Potential Health Effects:</b>	
<b>Eye Contact</b>	May cause irritation, lacrimation and pain.
<b>Skin Contact</b>	Skin contact may cause mild irritation. Prolonged or repeated exposure may cause dermatitis.
<b>Ingestion</b>	May cause vomiting, loss of consciousness, central nervous system depression, and irritation of gastrointestinal tract. Vomiting may cause pulmonary aspiration.
<b>Inhalation</b>	Inhalation may cause vomiting, unconsciousness, central nervous system depression, and death.

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**Section VIII. Exposure Controls and Personal Protection**

<b>Respiratory Protection</b>	Use an appropriate NIOSH/MSHA-approved respirator following manufacturer's recommendations.
<b>Ventilation</b>	General (mechanical) room ventilation to maintain vapor levels below TLV is expected to be satisfactory. Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air.
<b>Protective Gloves</b>	Consult the glove manufacturer for the most appropriate glove material.
<b>Eye Protection</b>	Wear chemical safety goggles.
<b>Personal Hygiene</b>	Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Wear protective clothing to prevent repeated or prolonged contact. Wear chemically-resistant shoes or boots. Decontaminate clothing before reuse.
<b>Engineering Controls</b>	Good general ventilation should be sufficient to control vapors under ambient conditions. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits. An eye bath and safety shower should be available near work site.
<b>Exposure Limit</b>	See Section II.

**Section IX. Physical and Chemical Properties**

<b>Appearance/Odor</b>	Yellow/brown liquid, slight solvent odor, solvent evaporates leaving protective residue	<b>Vapor Pressure</b>	Not available
<b>Odor Threshold</b>	Not available	<b>Vapor Density</b>	Heavier than air
<b>Specific Gravity</b>	1.0344	<b>Percent Volatile</b>	20%
<b>Density</b>	Not available	<b>Evaporation Rate</b>	Slower than ether
<b>pH</b>	Not available	<b>Solubility in Water</b>	Negligible
<b>Boiling Point</b>	Not available	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Freezing/Melting Point</b>	Not available	<b>Physical State</b>	Liquid

**Section X. Stability and Reactivity Data**

<b>Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions of Reactivity</b>	Not available
<b>Conditions and Materials to Avoid</b>	Avoid heat, sparks, electrical arcs, open flames, oxidizing materials, pure oxygen, and alkali metals.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	Carbon dioxide, carbon monoxide, hydrogen chloride, and small amounts of phosgene.

**Section XI. Toxicological Information**

<b>Routes of Entry</b>	Dermal contact, eye contact, inhalation, ingestion.	<b>Ingestion</b>	Not available
<b>Toxicity to Animals</b>	Not available	<b>Inhalation</b>	Not available
<b>Effects of Acute Exposure</b>	Not available	<b>Toxically Synergistic Products</b>	Not available
<b>Acute Effects of Sensitization</b>	Not available		
<b>Chronic Effects on Humans:</b>			
<b>Carcinogenic Effects</b>	This product contains trichloroethylene (CAS #79-01-6), which is an anticipated carcinogen per NTP, and is rated as Category 2A by IARC.		
<b>Mutagenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.		

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**Section XI. Toxicological Information (cont'd)**

<b>Teratogenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
<b>Reproductive Effects</b>	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

**Section XII. Ecological Information**

<b>Ecotoxicity</b>	There is no data available on the adverse effects of this material on the environment.
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**Section XIII. Disposal Considerations**

<b>Waste Disposal</b>	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.
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**Section XIV. Transportation Information**

<b>I.A.T.A. Air Transportation:</b>		<b>U.S. D.O.T. Ground Transportation:</b>	
<b>Shipping Name</b>	Not available	<b>Shipping Name</b>	Consumer Commodity ORM-D
<b>Hazard Class</b>	Not available		
<b>UN Number</b>	Not available		
<b>Packing Group</b>	Not available		
<b>I.A.T.A. Remarks</b>	Not available	<b>U.S. D.O.T. Remarks</b>	The above U.S. D.O.T. information applies to shipping BY GROUND ONLY.

**Section XV. Regulatory Information**

<b>U.S. Federal Regulations:</b>	
<b>CERCLA</b>	Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 :  Trichloroethylene (CAS #79-01-6), RQ = 100 lbs.
<b>SARA (Section 313)</b>	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:  Trichloroethylene, present at 22.0%
<b>SARA Extremely Hazardous List</b>	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:  None
<b>TSCA Inventory</b>	All components of this material are on the U.S. TSCA Inventory.
<b>California Prop. 65</b>	WARNING: This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:  Trichloroethylene

**International Regulations:**

<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.
<b>Japan MITI</b>	Not available
<b>Australia</b>	Not available
<b>Switzerland</b>	Not available

**Section XVI. Other Information**

<b>Approval Date</b>	1/31/2007
<b>Supersedes Date</b>	10/31/2006
<b>Prepared by</b>	Technical Services 262-781-7660
<b>Sections Revised Since Last Version</b>	Section I

The information and recommendations contained herein are, to the best of Pressure-Lube, Inc.'s knowledge and belief, accurate and reliable as of the date issued. Pressure-Lube, Inc. makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and Pressure-Lube, Inc. shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with Pressure-Lube, Inc.'s interpretation of the available data.