



MATERIAL SAFETY DATA SHEET

CONFORMS TO REGULATION (EC) NO. 1907/2006

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Revision Date 6/19/2009
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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the Substance/Preparation: JAX FOOD GRADE PENETRATING OIL (BULK, TRIGGER SPRAY)

Part Number: 00109

Use of the Substance/Preparation: Lubricant

Company/Undertaking Identification: PRESSURE-LUBE, INC.
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA

Non-Emergency Contact: Phone: 1-800-782-7660 (North America) +01-262-781-8850 (International)
Fax: 1-262-781-3906 (North America) +01-262-781-3906 (International)

Emergency Contact (24-hour): CHEMTREC: 1-800-424-9300 (North America) +01-703-527-3887 Collect (International)

SECTION 2. HAZARDS IDENTIFICATION

Classification: This preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Physicochemical Hazards: Flammable

Human Health Hazards: See Section 11.

Environmental Hazards: No data available

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components listed below either meet the reporting requirements as specified in U.S. 29 CFR 1910.1200 or EU Directive 1999/45/EC as amended, or are reported for informational purposes only.

Ingredient	%	PEL/TLV, Source	CAS #	EINECS #	EU Hazard Symbol	R-Phrases*
Odorless mineral spirits	30-50	500 ppm, OSHA	64742-48-9	265-150-3	Xn	R65

*See Section 16 for full text of R-Phrases.

SECTION 4. FIRST AID MEASURES

General Information: Refer to specific forms of contact described below.

Eye Contact: Remove contact lenses, if wearing, and flush eyes gently with water while holding eyelids apart. If irritation persists or there is any visual difficulty, seek medical attention.

Skin Contact: Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation: If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if coughing or respiratory discomfort occurs. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Self-Protection of the First Aider: First Aider: Pay attention to self-protection.

EU Info to Physician Refer to this section.

SECTION 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Foam, dry chemical and carbon dioxide may all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full facepiece operation in the positive-pressure demand mode with appropriate turn-out gear and chemical-resistant personal protective equipment.

Unsuitable extinguishing media: Do not use direct stream of water.

Special Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even if empty) because product (even just residue) can ignite explosively. During a fire, irritating or toxic decomposition products may be generated.

Products of Combustion: Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Special Protective

INDUSTRIAL LUBRICANTS (UK) LIMITED
Tel. 08701 632933 Fax. 08701 632933

Equipment for Firefighters: full facepiece operated in pressure-demand or other positive-pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Extinguish all sources of ignition. Provide sufficient ventilation and/or respiratory protection. Wear appropriate protective clothing, gloves, face mask, goggles/glasses to prevent contact with the eyes and skin. See Section 8.

Environmental Precautions: Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.

Methods for Clean-Up: Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Dispose of in accordance with national and/or local regulations relating to waste disposal.

SECTION 7. HANDLING AND STORAGE

Handling: Keep away from heat, sparks, open flame or where temperature may exceed 49°C (120°F). Do not throw empty container into fire or trash compactor. Container is not designed to contain pressure; do not use pressure to empty container or it may rupture with explosive force. "Empty" containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, or grind such containers as they may explode and can cause injury or death. Use only with adequate ventilation. Do not breathe vapor or mist. Do not take internally. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not transfer to nor store in an unmarked container. Read label and MSDS before using. Do not smoke when handling or using this product. Do not use in high-pressure systems in the vicinity of flames, sparks and hot surfaces. Empty container should be promptly returned to a drum reconditioner. For industrial use only.

Storage: Keep containers closed when not in use. Store in closed containers in a dry, well-ventilated area. Do not store near heat, open flame, or sources of ignition. Avoid prolonged storage at elevated temperatures.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit: 5 mg/m³ (oil mist) OSHA, for total product; see Section 3 for component permissible exposure limit/threshold limit value (PEL/TLV).

Respiratory Protection: Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.

Ventilation: Use in a well-ventilated area. See Engineering Controls.

Hand Protection (Gloves): Any lined non-permeable rubber gloves.

Eye Protection: Chemical splash goggles or face shield are advised when eye contact may occur.

Personal Hygiene: Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Do not smoke while using this product.

Engineering Controls: 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

pH:	N/A	Partition Coefficient (n-octanol/water):	N/A
Boiling Point/Range:	N/A	Viscosity:	N/A
Flash Point:	138°F (59°C), ASTM D 56	Vapor Density:	N/A
Upper Flammability Limit:	N/A	Evaporation Rate:	Faster than butyl acetate
Lower Flammability Limit:	N/A	Percent Volatile:	40
Oxidizing Properties:	Not an oxidizer	Appearance/Odor:	Water white liquid / slight solvent odor, leaving lubricant residue
Vapor Pressure:	N/A	Physical State:	Liquid
Density:	N/A		
Solubility in Water:	Negligible		

SECTION 10. STABILITY AND REACTIVITY

Conditions and Materials to Avoid: Avoid heat, sparks, open flames and strong oxidizing agents. Avoid prolonged storage at elevated temperatures.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Skin contact, eye contact, ingestion and inhalation.
Skin Toxicological Effects:	Skin contact may cause mild to moderate irritation. Prolonged exposure may cause moderate irritation, defatting and dermatitis.
Eye Toxicological Effects:	May cause slight irritation and redness. Symptoms include stinging, tearing and redness.
Ingestion Toxicological Effects:	May be harmful if swallowed, causing headache, nausea, weakness, drowsiness, vomiting, dizziness, gastrointestinal irritation, central nervous system depression, convulsions and unconsciousness. May cause burning sensation in the mouth, esophagus and stomach. May cause kidney damage. Lung damage may occur if aspirated in the lungs and may be fatal.
Inhalation Toxicological Effects:	Inhalation of the vapors of this product may cause irritation to the throat, mucous membranes and respiratory tract, headache, dizziness, nausea, difficulty breathing, drowsiness, wheezing, laryngitis, vomiting, muscle weakness, impairment of motor action, low blood pressure and chest pains. Prolonged inhalation may cause central nervous system depression, acute bronchitis, pneumonia, kidney damage, loss of appetite and nose bleeds.

Acute Toxicity / LD₅₀ and LC₅₀ of Ingredients:	<u>Ingredient</u>	<u>LD₅₀</u>	<u>LC₅₀</u>	<u>NTP Known Carcinogen</u>	<u>NTP Anticipated Carcinogen</u>	<u>IARC Group</u>
	Odorless mineral spirits	Oral/Rat >5000 mg/kg	Oral/Rat >5000 mg/kg	No	No	No
Chronic Toxicity / Carcinogenicity:	<u>Ingredient</u>	<u>CAS #</u>				
	Odorless mineral spirits	64742-48-9		No	No	No

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	N/A	Bioaccumulative Potential:	N/A
Mobility:	N/A	Persistence and Degradability:	N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult national or regional authorities for proper disposal and reporting procedures. All disposals must comply with national and regional regulations.
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SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

U.S. D.O.T.

Proper Shipping Name:	Flammable liquid, n.o.s. (Petroleum distillates)
UN Number:	UN1993
Hazard Class:	3
Packing Group:	III
Remarks:	This product may be reclassified as Combustible Liquid, n.o.s., NA1993, under U.S. DOT 49 CFR 173.150 when shipped via GROUND in non-bulk containers only. Refer to Code of Federal Regulations, Title 49 for further information.

Land Transport ADR/RID

Proper Shipping Name:	Flammable liquid, n.o.s. (Petroleum distillates)
UN Number:	UN1993
Hazard Class:	3
Packing Group:	III

Maritime Transport IMDG

Proper Shipping Name:	Flammable liquid, n.o.s. (Petroleum distillates)
IM Number:	UN1993
IMDG Code:	3
Packing Group:	III

Air Transport IATA

Proper Shipping Name:	Flammable liquid, n.o.s. (Petroleum distillates)
UN Number:	UN1993
Hazard Class:	3
Packing Group:	III
Remarks:	None

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA:	Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 : None
SARA (Section 313):	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
SARA Extremely Hazardous List:	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
TSCA Inventory:	All components of this material are on the U.S. TSCA Inventory.



State Regulations

California Proposition 65:	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None
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Canada Regulations

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

European Community Label Requirements

Danger Symbol(s):	Xn 	F 
S-Phrase(s):	S23: Do not breathe fumes S24: Avoid contact with skin S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label	
R-Phrase(s):	R10: Flammable R44: Risk of explosion if heated under confinement R65: Harmful: may cause lung damage if swallowed	

National Regulations (Germany)

Water Hazard Class:	N/A
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SECTION 16. OTHER INFORMATION

Component R-Phrase(s)	R65: Harmful: may cause lung damage if swallowed
HMIS® Ratings:	Health: 1 Fire: 2 Physical Hazard: 0 HMIS® Ratings: 0 = Minimal Hazard; 1 = Slight Hazard; 2 = Moderate Hazard; 3 = Serious Hazard; 4 = Severe Hazard
Abbreviations that May Be Used in this Document:	N/A = Not available N/E = Not established
Sections Revised:	New MSDS format
Revision Date:	6/19/2009

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 up on the criteria supplied by the developers of these rating systems, together with Pressure-Lube Inc.'s interpretation of the available data.

*** END OF MSDS ***



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