



MATERIAL SAFETY DATA SHEET

CONFORMS TO REGULATION (EC) NO. 1907/2006

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the Substance/Preparation: JAX PürGel Klear (Aerosol)

Part Number: JAX140

Use of the Substance/Preparation: Lubrication, release, moisture resistance, and moisture retention

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

Non-Emergency Contact: Phone: 1-800-782-8850 (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: Highly 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*
Propane	10-15	1000 ppm, OSHA	74-98-6	200-827-9	F+	R12
n-Butane	5-10	800 ppm, OSHA	106-97-8	106-97-8	F+	R12

*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: Immediately flush with water for at least 15 minutes. Get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash contact area with soap and water. Wash clothing and shoes before reuse.

Ingestion: Drink 1 or 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Consult a physician or Poison Control Center immediately.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

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: Use (NFPA) Class B extinguisher, carbon dioxide, or foam as extinguishing media. Do not use direct stream of water because product will float and can reignite on surface of water.

Unsuitable Extinguishing Media: Do not use direct stream of water.

Special Hazards: Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F (49°C). Do not puncture or incinerate. Firefighters should wear full protective gear, including SCBA's in a positive-pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground away from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively. Do not use direct stream of water because product will float and can reignite on surface of water.

Products of Combustion: Carbon monoxide and carbon dioxide.

Special Protective Equipment for Firefighters: Firefighters should wear full protective clothing, including helmet, and NIOSH-approved self-contained breathing apparatus with 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. "Empty" containers retain product residue and can be dangerous. Do not 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:	Store in tightly sealed containers. Store in a cool, dry place out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 49°C (120°F). Rotate stock.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit:	See Section 3.
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):	Use protective gloves if contact with product is likely.
Eye Protection:	Chemical splash goggles or face shield are advised when eye contact may occur.
Personal Hygiene:	Consumption of food and beverages should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.
Engineering Controls:	Implement engineering controls so that workplace exposure limit(s) of product or any component is not exceeded. Use impervious protective clothing (gloves, boots, apron or full body suit) depending on operation.

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:	N/A	Vapor Density:	Heavier than air
Upper Flammability Limit:	N/A	Evaporation Rate:	Faster than ether
Lower Flammability Limit:	N/A	Percent Volatile:	20
Oxidizing Properties:	Not an oxidizer	Appearance/Odor:	Water-white petrolatum with mild odor
Vapor Pressure:	N/A	Physical State:	Semi-solid and compressed gas
Density:	North America: 6.263 lbs./US gallon (typical) European Union: 0,75 g/cm ³ (typical)		
Solubility in Water:	Negligible		

SECTION 10. STABILITY AND REACTIVITY

Conditions and Materials to Avoid:	Avoid exposure to heat, sparks, open flame, and strong oxidizing agents.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Skin contact, eye contact, ingestion and inhalation.
Skin Toxicological Effects:	May cause slight irritation in some individuals.
Eye Toxicological Effects:	May cause slight irritation or redness.
Ingestion Toxicological	

Effects: Ingestion is unlikely due to being an aerosol. However, should ingestion occur, irritation and nausea may result. ASPIRATION HAZARD: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, even death. May cause weakness and gastrointestinal tract irritation. Product can be readily absorbed through the stomach and intestinal tract. Symptoms include a burning sensation in the mouth or esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness, and delirium. Additional central nervous system effects may occur prior to the onset of convulsions, coma, and death.

Inhalation Toxicological Effects: This product may irritate the mucous membranes of the mouth, throat, and esophagus, and may cause nausea, loss of appetite, lassitude, light-headedness, giddiness, dizziness, and incoordination. Respiratory arrest, convulsions, semi-consciousness or unconsciousness may result from extreme exposure. Can cause central nervous system depression. Asthma and other respiratory ailments may be aggravated by exposure to product. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Acute Toxicity / LD ₅₀ and LC ₅₀ of Ingredients:	<u>Ingredient</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
	Propane	N/A	Inhalation/Rat = 361 g/m ³
	n-Butane	N/A	Inhalation/Rat = 658 g/m ³ /4h

Chronic Toxicity / Carcinogenicity:	<u>Ingredient</u>	<u>CAS #</u>	<u>NTP Known Carcinogen</u>	<u>NTP Anticipated Carcinogen</u>	<u>IARC Group</u>
	Propane	74-98-6	No	No	No
	n-Butane	106-97-8	No	No	No

SECTION 12. ECOLOGICAL INFORMATION

Mobility: N/A

Bioaccumulative Potential: N/A

Persistence and Degradability: N/A

Exotoxicity / LC ₅₀ of Ingredients:	<u>Ingredient</u>	<u>EC₅₀</u>
	Propane	N/A
	n-Butane	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.

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: Aerosols, flammable
UN Number: UN1950
Hazard Class: 2.1
Packing Group: None
Remarks: None

Land Transport ADR/RID

Proper Shipping Name: Aerosols, flammable
UN Number: UN1950
Hazard Class: 2.1
Packing Group: None

Maritime Transport IMDG

Proper Shipping Name: Aerosols, flammable
IM Number: UN1950
IMDG Code: 2.1
Packing Group: None

Air Transport IATA

Proper Shipping Name: Aerosols, flammable
UN Number: UN1950
Hazard Class: 2.1
Packing Group: None
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

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): F



S-Phrase(s): S16: Keep away from sources of ignition - No smoking
S23: Do not breathe gas/fumes/vapor/spray
S51: Use only in well-ventilated areas

R-Phrase(s): R11: Highly flammable

National Regulations (Germany)

Water Hazard Class: N/A

SECTION 16. OTHER INFORMATION

Component R-Phrase(s) R12: Extremely flammable

HMIS® Ratings: Health: **1** Fire: **3** 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: None

Revision Date: 10/29/2010

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*** END OF MSDS ***