



MATERIAL SAFETY DATA SHEET

CONFORMS TO DIRECTIVE 2001/58/EC AMENDING DIRECTIVE 91/155/EEC

Section 1. Identification of the Company and the Preparation

Product Name JAX WLTB White Lift Truck & Boom
(AEROSOL)

Revision Date 1/20/2009

Supersedes Date 1/19/2009

Supplier PRESSURE-LUBE, INC.
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA

Product No. JAX143

Material Use Lubricant

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In Case of Emergency CHEMTREC: 1-800-424-9300 (North America) +01-703-527-3887 Collect (International)

Section 2. Composition / Information on Ingredients

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

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**
Heptane	20-30	400 ppm, OSHA	142-82-5	205-563-8	F; Xn; N	R11-38-50/53-65-67
Propane	5-10	1000 ppm, OSHA	74-98-6	74-98-6	F+	R12
Butane	20-30	800 ppm, OSHA	106-97-8	106-97-8	F+	R12
Zinc oxide	2-5	5 mg/m ³ (fumes), OSHA	1314-13-2	215-222-5	N	R50/53

*See Section 11 for LD₅₀ and LC₅₀ of ingredients.

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

Section 3. Hazards Identification

Physicochemical Hazards Extremely flammable

Human Health Hazards See Section 11.

Environmental Hazards Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with large amounts of water for 15 minutes. Make sure to remove contact lenses and lift eyelids to ensure complete flushing. If irritation persists, contact physician immediately.

Skin Contact Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder it before reuse. Destroy or properly dispose of contaminated shoes. Should any irritation persist, seek medical attention.

Ingestion Ingestion is not likely as an aerosol but, if ingested, DO NOT induce vomiting. If spontaneous vomiting is about to occur, place the victim's head below his knees to prevent aspiration. Never give anything by mouth to an unconscious person. Do not leave victim unattended. Call a physician immediately.

Inhalation If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration (CPR). Call a physician immediately.

Section 5. Firefighting Measures

Flash Point N/A

Autoignition Temperature N/A

Sensitive to Mechanical Impact No

Sensitive to Static Discharge Yes

Lower Flammability Limit N/A

Upper Flammability Limit N/A

Extinguishing Media Extinguishing media include dry chemical, alcohol foam, and carbon dioxide-type extinguishing agents. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

Special Hazards Avoid possible bursting of aerosol can. Do not puncture or incinerate. Firefighters should wear 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 as vapor may ignite. Never use welding or cutting torch on or near this product because even just residue can ignite explosively. Fight fire from safe distance.

Products of Combustion Carbon monoxide and carbon dioxide. If burned, oxides of sulfur and nitrogen.

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 and open flame. Do not throw empty container into fire or trash compactor. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not breathe vapor or mist. Do not transfer to nor store in an unmarked container. Read label before using. Do not smoke when handling or using this product. Do not cut on empty containers as they may contain vapors that are flammable. Use with adequate ventilation. Do not take internally. For industrial use only.
Storage	Store in tightly sealed containers. Do not store in direct sunlight. Keep away from heat, sparks and open flame. Store containers below 120°F (49°C). Do not throw empty container into fire or trash compactor.

Section 8. Exposure Controls / Personal Protection

Occupational Exposure Limit	See Section 2.
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 with appropriate local exhaust ventilation. Provide appropriate local exhaust at transfer points. Provide appropriate local exhaust ventilation on open containers. If exhaust ventilation is not adequate, use appropriate respiratory protection.
Protective Gloves	Use any lined non-permeable rubber gloves, such as buna or nitrile.
Eye Protection	Chemical splash goggles or face shield are advised when eye contact may occur.
Personal Hygiene	Wash exposed areas with soap and water when finished using this product. Do not eat or drink or wear facial cream when using this product. Do not swallow. Wash hands before eating or using washroom.
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

Appearance/Odor	White with light ethereal odor	Vapor Pressure	50 psig @ 70°F
pH	N/A	Solubility in Water	Insoluble
Boiling Point	N/A	Density	6.93 - 7.34 lbs/gallon
Oxidizing Properties	Not an oxidizer	Viscosity	N/A
Percent Volatile	50	Vapor Density	Heavier than air
Coefficient of Water/Oil Distribution	N/A	Evaporation Rate	N/A
Partition Coefficient: n-octanol/water	N/A	Physical State	Liquid and compressed gas in aerosol can

Section 10. Stability and Reactivity

Conditions and Materials to Avoid	Avoid heat, sparks, open flames, welding arcs or other high temperature sources which induce thermal decomposition. Avoid direct sunlight. Avoid strong acids, alkalies and oxidizers such as liquid chlorine, other halogens, hydrogen peroxide, oxygen, permanganates and dichromates.
Hazardous Polymerization	Hazardous polymerization will not occur.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide. If burned, oxides of sulfur and nitrogen.

Section 11. Toxicological Information

Routes of Entry	Skin contact, eye contact, ingestion and inhalation.
Skin	Skin Contact: Prolonged exposure may cause defatting of the skin which could lead to dryness and cracking. People prone to skin sensitiveness may be more sensitive to this product. Skin Absorption: It is unlikely that this product would absorb into skin and cause damage.

Eye	Considered an eye irritant. Symptoms include stinging, watering, redness and swelling.
Ingestion	ASPIRATION HAZARD. There is a danger of this product being aspirated into the lungs during vomiting. Aspiration can result in severe lung damage or death. Slightly toxic by ingestion. May cause weakness and gastrointestinal tract irritation. If swallowed, may be aspirated, resulting in inflammation and possible fluid accumulation in the lungs. Can cause central nervous system depression. May be fatal if swallowed.
Inhalation	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 /
LD₅₀ and LC₅₀ of
Ingredients**

Ingredient	LD ₅₀	LC ₅₀
Heptane	Oral/Rat > 15000 mg/kg	Inhalation/Rat = 103 g/m ³ /4h
Propane	N/A	Inhalation/Rat = 361 g/m ³
Butane	N/A	Inhalation/Rat = 658 g/m ³ /4h
Zinc oxide	Oral/Rat > 15000 mg/kg	Inhalation/Rat > 5.7 mg/l/4h

**Chronic Toxicity /
Carcinogenicity**

Ingredient	CAS #	NTP Known Carcinogen	NTP Anticipated Carcinogen	IARC Group
Heptane	142-82-5	No	No	No
Propane	74-98-6	No	No	No
Butane	106-97-8	No	No	No
Zinc oxide	1314-13-2	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:	Aerosols, flammable, n.o.s.
UN/NA Number:	UN1950
Hazard Class:	2.1
Packing Group:	None
Remarks	None

Land Transport ADR/RID

Proper Shipping Name	Aerosols, flammable, n.o.s.
UN/NA Number	UN1950
Hazard Class	2.1
Packing Group	None

Maritime Transport IMDG

Proper Shipping Name	Aerosols, flammable, n.o.s.
IM Number	UN1950
IMDG Code	2.1
Packing Group	None

Air Transport IATA

Proper Shipping Name	Aerosols, flammable, n.o.s.
UN Number	UN1950
Hazard Class	

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: Zinc oxide, CAS # 1314-13-2 (Category: Zinc compounds), present at 2-5%
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 Prop. 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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European Community Regulations

The content and format of this Material Safety Data Sheet are in accordance with Commission Directive 2001/58/EC, amending for the second time Commission Directive 91/155/EEC.

European Community Label Requirements

Danger Symbol(s)	F+ 	Xi 	N 
S-Phrase(s)	S9: Keep container in a well-ventilated place S16: Keep away from sources of ignition - No smoking S24: Avoid contact with skin S33: Take precautionary measures against static discharges S60: This material and its container must be disposed of as hazardous waste S61: Avoid release to the environment. Refer to special instructions/safety data sheet S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label		
R-Phrase(s)	R38: Irritating to skin R12: Extremely flammable R44: Risk of explosion if heated under confinement R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R67: Vapors may cause drowsiness and dizziness		
	Note: Preparations classified as harmful on the basis of an aspiration hazard need not be labeled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment (EU Directive 67/548/EEC Annex VI, 9.4).		

Canada	This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations (CPR)</i> and the MSDS contains all of the information required by the <i>CPR</i> .
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Section 16. Other Information

Component R-Phrase(s)	R11: Highly flammable R38: Irritating to skin R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65: Harmful: may cause lung damage if swallowed R67: Vapors may cause drowsiness and dizziness
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HMIS® Ratings	Health: 1 Fire: 4 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
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Sections Revised	None
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Revision Date	1/20/2009
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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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