



**LPS LABORATORIES**  
**WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM**  
**MATERIAL SAFETY DATA SHEET**

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**Section 1 - Product Identification and Use**

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**Manufacturer's Name:**  
LPS Laboratories

**Product Identifier:**  
LPS Chain Lubricant Food Grade

**Address (Number Street):**  
4647 Hugh Howell Road

**Product Use:**  
Lubricant

**Address (City, Province, Postal Code):**  
Tucker, GA 30085-5052

**Part Numbers:**  
C06016

**Telephone Number:**  
770-243-8800

**Packaging:**  
Aerosol (340 grams)

**Emergency Telephone Number:**  
1-613-996-6666 CANUTEC

**WHMIS Classification:**  
Aerosol: Class A, Class D Div. 2B

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

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**Section 2 - Hazardous Ingredients**

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Ingredients	CAS Numbers	%WW	LC 50	LD 50	TLV
White Oil	8042-47-5	60-70	Not Available	5000g/kg(Rat)	Not Available
Hydrocarbon propellant	68476-86-8	10-20	Not Available	Not Available	Not Available

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**Section 3 - Physical Data**

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<b>Boiling point (C°):</b>	Not Available	<b>Specific gravity @ 25 C:</b>	0.85 - 0.87
<b>Vapor pressure @20°C:</b>	< 0.1 mm Hg	<b>Evaporation rate:</b>	Not Available
<b>Vapor density (Air = 1):</b>	>1	<b>Freezing Point (C°):</b>	Not Available
<b>Coefficient of Water/Oil Distribution:</b>	< 1	<b>pH:</b>	Not Available
<b>Physical State:</b>	Liquid	<b>Solubility in water (% by weight):</b>	None in water
<b>Odor/Color:</b>	Clear with mild odor	<b>Percent volatile by volume (%):</b>	15%, 123 g/L, 1.03 lbs/gal
<b>Odor Threshold (ppm):</b>	Not Available		

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## Section 4 - Fire and Explosion Hazard

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**Flammability:** Yes      No X

Product will ignite when heated above flash point and exposed to an open flame.

**Flash point:** >207°C (405°F) TCC

**Flammable limits:**      LEL: Not Available                      UEL: Not Available

**Autoignition temperature:** Not Available

**Extinguishing media:** Foam, dry chemical, or carbon dioxide. Water can be used to cool closed containers.

**Hazardous combustion products:** Carbon dioxide and carbon monoxide

**Sensitivity to impact:** None                      **Sensitivity to static discharge:** Yes

**Special hazards (including explosion data):** Excessive heat created by fire will cause aerosols to burst, spreading fire and overwhelming sprinkler system.

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## Section 5 - Reactivity Data

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**Stability:** Stable

**Conditions to avoid:** Avoid sparks or open flames.

**Incompatibility (materials to avoid):** Strong oxidizing agents such as liquid chlorine, concentrated oxygen and sodium hypochlorite.

**Hazardous decomposition products:** Thermal decomposition may yield carbon monoxide.

**Hazardous polymerization:** Will not occur.

**Reactivity and under what conditions:** None

**Reactivity and under what conditions:** None known at this time.

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## Section 6 - Toxicological Properties

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**Primary route(s) of entry:** Inhalation, eyes, ingestion (unlikely).

**Exposure limits:** Not established.

**Acute effects of over exposure:**

**Inhalation:** Headache, dizziness, nausea and anesthetic effects.

**Eyes:** Irritation.

**Skin:** Repeated or prolonged contact may cause drying of skin.

**Ingestion:** Minute amounts aspirated into lungs during ingestion may cause severe pulmonary injury.

**Chronic effects of exposure:** None known at this time.

**Carcinogenicity:** None known at this time.

**Medical conditions generally aggravated by exposure:** None from normal exposure.

**Other toxicological properties (including reproductive toxicity, synergistic effects, sensitization, teratogenicity, mutagenicity):** None known at this time.

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## Section 7 - Preventative Measures

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**Personal Protection:**

**Hands:** Use solvent resistant gloves (nitrile, neoprene) when handling liquid.

**Eyes:** Use face shield or goggles when spraying or splashing liquid.

**Respiratory:** None required if good ventilation is maintained. For enclosed areas, use an organic vapor respirator or self-contained breathing apparatus.

**Engineering controls:** Local exhaust is usually adequate; however, mechanical ventilation should be used when spraying in enclosed areas. Vapor concentration should be minimized as much as possible.

**Procedures to be followed in case of leak or spill:** Ventilate area by opening windows and doors. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. For large spills, prevent product from going into sewers and water sources by diking or impounding. Use appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

**Waste disposal:** Dispose of in accordance with municipal, provincial, and federal regulations for petroleum distillates. Do not incinerate aerosols. Do not flush to the sewer.

**Handling and storage procedures:** Store aerosols below 50°C and above 0°C. Store away from ignition sources and avoid breathing vapors. Wash hands with soap and water after use, or before breaks and lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.

**H.M.I.S. Labeling:**      **Health:** 1              **Fire:** 3              **Reactivity:** 0

**N.F.P.A. Labeling:**      **Health:** 1              **Fire:** 3              **Reactivity:** 0

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## Section 8 - First Aid Measures

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### Emergency and first aid measures:

**Inhalation:** Move to fresh air and contact physician.

**Eyes:** Flush eyes with plenty of water, contact a physician.

**Skin:** Wash with soap and water; apply medicated skin cream.

**Ingestion:** Contains petroleum distillates and petroleum oil. Do not induce vomiting. Contact physician immediately.

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## Section 9 - Preparation Date

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The foregoing technical information and recommendations are compiled from sources that are believed to be accurate and reliable. However, they are supplied without warranty or guarantee of any kind either expressed or implied. The purchaser is responsible for selecting and determining the suitability of products for purchaser's particular needs and we disclaim any responsibility for improper applications or misuse of our products in any manner whatsoever.

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LPS Laboratories

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WHMIS LPS Chain Lubricant Food Grade

