



*A Division of Laser Sales Inc.*

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Canada

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## MATERIAL HEALTH & SAFETY DATA SHEET

(Key: > - Greater than; < - Less than)

### SECTION 1: MATERIAL IDENTIFICATION & USE

Material Name: Laser Smokeless Two Stroke Oil

Product Code: 42605

Supplier: Laser Sales Inc. Glasgow Manufacturing Division

Address: 1717 Oxford Street East  
London, Ontario  
N5V 2Z5

Emergency Telephone #: 519-452-7001

Chemical Name: Petroleum mineral oil and fuel additive containing a synthetic polyamine condensation product based dispersant and other components judged not to affect the health or environmental impact of the product.  
DOT Hazard Class: Non Hazardous

### SECTION 2: HAZARDOUS INGREDIENTS OF MATERIAL

Mineral Oil, light distillate solvent and proprietary additives

<u>Hazardous Ingredients</u>	<u>Approximate Concentration %</u>	<u>C.A.S.N.A. or U.N. Numbers</u>	<u>"Exposure Limits"</u>	<u>LD50/LC50 Specify Species &amp; Route</u>
Mineral Oil	>35%	64742-52-5		
Polyisobutenes	<40%	9003-27-4		
Hydrotreated Distillate	<30%	64742-46-7		
Proprietary Additives	<10%			
Proprietary Fuel Stabilizer	<1%			

(n/d = not determined)



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### **SECTION 3: PHYSICAL DATA FOR MATERIAL**

Physical State:	Specific Gravity: .88 @ 15°C	Odour Threshold (ppm):
Odour & Appearance: mineral oil, dyed blue	Vapour Pressure (mm/Hg): negligible	Vapour Density (Air=1): above 1
Evaporation Rate:	Boiling Point (°C): above 250	Freezing Point (°C): n / a
Solubility in Water (20°C): negligible	% Volatile (by volume):	pH:
Density (mg/m <sup>3</sup> ): @25°C	Coefficient of water/oil distribution:	

### **SECTION 4: FIRE AND EXPLOSION HAZARD OF MATERIAL**

Flammability:

Water-based:

Means of Extinction: water fog, foam, dry chemical, carbon dioxide

Special Procedures: use water spray to cool exposed containers, Fire fighting personnel should use respiratory protection. Product of combustion includes fumes & CO<sub>2</sub>

Flash Point (°C): 82

Upper explosion limit (% by volume):

Lower explosion limit (% by volume):

### **SECTION 5: REACTIVITY DATA**

Chemical Stability: stable

Thermal Stability:

Conditions:

Hazardous Polymerization: will not

Incompatibility to other substances: strong oxidizers

Substances:

Reactivity and under what conditions: avoid open flame, extreme heat

Hazardous Decomposition Products: carbon monoxide upon combustion and fumes.

### **SECTION 6: TOXICOLOGICAL PROPERTIES OF PRODUCT**

ROUTE OF ENTRY: Inhalation , Skin contact, and Ingestion

ACUTE OVEREXPOSURE: May cause reversible eye and skin irritation. Prolonged skin exposure may cause dermatitis. Ingestion may cause cramps and diarrhea. Inhalation of a mist may cause dizziness.

CHRONIC EXPOSURE: Defined by IARC as Class 1 mineral oil. Chemical is listed as carcinogen or potential carcinogen.

NATIONAL TOXICOLOGY PROGRAM: no IARC MONOGRAMS: no OSHA: no

THRESHOLD LIMIT VALUE:5mg / cubic metre as mist

EMERGENCY AND FIRST AID: in all cases remove source of exposure

1. INHALATION: unlikely to occur except as a mist
2. EYES: flush with water for at least 15 minutes or until irritation subsides.
3. SKIN: wash well with soap and water; remove soaked clothing, wash clothes before re-use. If irritation develops consult physician.
4. INGESTION: DO NOT induce vomiting, consult physician, contains solvent.



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## **SECTION 7: PREVENTIVE MEASURES**

### Personal Protective Equipment:

PROTECTIVE GLOVES: impermeable gloves

RESPIRATORY PROTECTION: normally not required with adequate ventilation. If exposure exceeds limits use NIOSH/MSHA approved air respirator.

EYE PROTECTION: goggles

VENTILATION: If mists are present, provide adequate ventilation to control level below the permissible exposure limit.

### Engineering Controls:

Leak & Spill Procedure: no unusual hazard; use pump and/or oil absorbent. Keep from entering waterways and sewers

Waste Disposal: dispose according to current local, provincial/state, and federal regulations.

Handling Procedures & Equipment: keep away from fire, flame & sparks

OTHER PRECATUIONS: never wear oil soaked clothing; discard oil soaked shoes. Affix proper warning labels on containers according to 29 CFR 1010.1200

Nov. 1/14