



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: Cylinder Oil 460
Product Class: Lubricant
WHMIS Classification: Not Controlled.

Supplier Name and Address: Irving Blending & Packaging
PO Box 1169
Saint John, N.B.
E2L 4E6

Phone: (800) 574-5823
Emergency: (506) 648-3060

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIALS

<u>Hazardous Ingredients</u>	<u>CAS#</u>	<u>wt%</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
None			5 mg/m ³ (oil mist)		

SECTION 3 - PHYSICAL DATA AND CHEMICAL PROPERTIES

Form:	Liquid	Vapour Pressure (mm @ 20°C):	< 0.10
Colour:	Brown	Volatile (wt. %):	0
Odour:	Petroleum		
Density @ 15°C:	0.90		
Solubility:	Negligible		

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammability: Yes No
Flash Point : > 282°C (COC)

Conditions: Open flame above flash point.

Upper Flammable Limit:	Not established.	Lower Flammable Limit:	Not established.
Auto Ignition Temperature:	Not determined.	TDG Flammability Classification:	Not classified.
Sensitivity to Impact:	None.	Sensitivity to Static Discharge:	None.

Means of Extinction: Dry chemical, water spray (fog), foam or carbon dioxide.
Hazardous Combustion Products: Oxides of carbon and nitrogen.
Special Procedures: Water foam may cause frothing. Use water to cool exposed containers. Use self-contained breathing apparatus for fire fighting.

SECTION 5 - REACTIVITY DATA

Stability:	This product is stable.
Hazardous Polymerisation:	Will not occur.
Conditions to avoid:	Extremely high temperatures.
Incompatibility with other substances:	Strong oxidising agents.
Hazardous decomposition products:	Thermal decomposition from high temperature or combustion will produce oxides of carbon.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye Skin Contact Skin Absorption Inhalation Ingestion

Effects of Acute Exposure: Irritation to skin and eyes. Inhalation of hot oil mist or vapours may irritate the upper respiratory tract.
Effects of Chronic Exposure: Repeated or prolonged exposure may cause dermatitis and/or oil acne. Long-term intensive exposure to oil mist may cause benign lung fibrosis. No specific toxicity data but extrapolation from similar materials indicates that this product has low oral toxicity.

Exposure Limits:	5 mg/m ³ (oil mist)	Carcinogenicity:	Not determined.
Reproductive Toxicity:	Not determined.	Teratogenicity:	Not determined.
Irritancy of Product:	Slight.	Mutagenicity:	Not determined.

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SECTION 7 - PREVENTATIVE AND CORRECTIVE MEASURES

Personal Protective Equipment:	<i>Gloves:</i> Oil/Chemical resistant. <i>Eye:</i> Chemical safety glasses or full face shield. <i>Respiratory:</i> NOISH respirator if mist levels are high. <i>Footwear:</i> Oil/Chemical resistant. <i>Clothing:</i> Oil/Chemical resistant if repeated exposure to skin and clothing occurs. <i>Other:</i>
Engineering Controls:	Local exhaust at source of heated vapours.
Leak and Spill Procedure:	Contain spills with dikes or absorbent material. Eliminate fire hazards. Prevent from entering sewers or water courses. Vacuum liquid or transfer absorbed material into containers. Advise authorities.
Waste Disposal:	Follow local and governmental regulations. Not regulated as a hazardous waste.
Storage Requirements	Cool, dry location. Keep containers closed.
Special Shipping Information:	No special requirements.

SECTION 8 - FIRST AID MEASURES

Inhalation:	Remove to fresh air or give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.
Ingestion:	Do not induce vomiting, give two glasses of water and seek medical attention.
Eye:	Flush with water for 15 minutes.
Skin:	Wash contaminated area with soap and water. Clean contaminated clothing before wearing again.
General Advice:	High pressure injection under skin can be serious and requires urgent medical attention.

SECTION 9 - PREPARATION DATE OF MSDS

MSDS Prepared by:	Irving Blending & Packaging	Phone:	(800) 574-5823
MSDS Date:	February 18, 2016		
Revision	03		