



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: Gear Oil (All)
Product Class: Synthetic Gear Oil (All)
WHMIS Classification: Lubricant
Not Controlled.

Supplier Name and Address: COASTAL 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

Hazardous Ingredients	CAS#	wt%	ACGIH-TLV	LC ₅₀	LD ₅₀
None			5 mg/m ³ (oil mist)		

SECTION 3 - PHYSICAL DATA AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Yellow to Brown
Odour: Pungent
Specific Gravity @ 15°C: 0.88 - 0.92
Solubility: Negligible

Vapour Pressure (mm @ 20°C): < 0.10

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammability: Yes No
Flash Point : > 200°C (COC)

Conditions: Open flame above flash point.

Upper Flammable Limit: Not established.
Auto Ignition Temperature: Not determined.
Sensitivity to Impact: None.

Lower Flammable Limit: Not established.
TDG Flammability Classification: Not classified.
Sensitivity to Static Discharge: None.

Means of Extinction: Dry chemical, water spray (fog), foam or carbon dioxide.
Hazardous Combustion Products: Hydrogen sulphide and oxides of carbon, nitrogen, sulphur and phosphorus.
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 hydrogen sulphide and oxides of carbon, nitrogen, sulphur and phosphorus.

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/m³ (oil mist)
Reproductive Toxicity: Not determined.
Irritancy of Product: Slight.

Carcinogenicity: Not determined.
Teratogenicity: Not determined.
Mutagenicity: Not determined.

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SECTION 7 - PREVENTATIVE AND CORRECTIVE MEASURES

Personal Protective Equipment: *Gloves:* Oil/Chemical resistant.
Eye: Chemical safety glasses or full face shield.
Respiratory: NOISH respirator if mist levels are high.
Footwear: Oil/Chemical resistant.
Clothing: Oil/Chemical resistant if repeated exposure to skin and clothing occurs.
Other:

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: COASTAL Blending & Packaging **Phone:** 800-574-5823
MSDS Date: January 11, 2010
Revision 02

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