



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: AF MOLY ARCTIC 1
Product Class: Lubricating Grease
WHMIS Classification: Not Controlled

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

Phone: 1 800-574-5823
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>
Zinc Alkyldithiophosphate	68649-42-3	0.2-2.0			

SECTION 3 - PHYSICAL DATA AND CHEMICAL PROPERTIES

Form: Semi-Solid
Colour: Smooth black-Bland
Odour: Petroleum
Specific Gravity @ 15°C: 0.86
Boiling Point (°C): 260
Melting Point (°C): 260

Freezing Point (°C): -23
Solubility in Water: Negligible

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammability: Yes No
Flash Point : 246°C (COC)

Conditions: Open flame above flash point.

Upper Flammable Limit: Not applicable.
Auto Ignition Temperature: 315°C
Sensitivity to Impact: Not applicable.

Lower Flammable Limit: Not applicable.
TDG Flammability Classification: Not classified.
Sensitivity to Static Discharge: Not applicable.

Means of Extinction: Carbon dioxide, dry chemical, earth or sand. Water may cause frothing.
Hazardous Combustion Products: Carbon monoxide and carbon dioxide.
Special Procedures: Wear self-contained breathing apparatus when fighting fire. Use water to cool fire-exposed containers.

SECTION 5 - REACTIVITY DATA

Stability: This product is stable.
Hazardous Polymerisation: Will not occur.
Conditions to avoid: Excessive heat or open flame.
Incompatibility with other substances: Strong oxidising agents.
Hazardous decomposition products: Not determined.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye Skin Contact Skin Absorption Inhalation Ingestion

Effects of Acute Exposure: Irritation to skin and eyes.
Effects of Chronic Exposure: Not determined.

Exposure Limits: Not determined.
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: None normally required.
Footwear: None normally required.
Clothing: None normally required.
Other:

Engineering Controls: None normally required.
Leak and Spill Procedure: Absorb with sand or inert material. Sweep or scoop to remove.
Waste Disposal: Consult local authorities.
Storage Requirements: Keep container closed, in a cool, dry area.
Special Shipping Information: None.

SECTION 8 - FIRST AID MEASURES

Inhalation: Not applicable.
Ingestion: Do not induce vomiting, seek medical attention.
Eye: Flush with water for 15 minutes. Seek medical attention
Skin: Flush with soap and water. Remove and launder contaminated clothing
General Advice:

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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