



MATERIAL SAFETY DATA SHEET

MSDS # L1

ARCTIC FIRE INDUSTRIAL EP GEAR OIL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Artic Fire Industrial EP Gear Oil

APPLICATIONS: Lubricant

PRODUCT CODES: 560-000, 561-000, 562-000, 563-000, 564-000, 565-000

EMERGENCY PHONE: CHEMTREC – (800) 424-9300 or (703) 527-3887 (collect)

SUPPLIER: Sinclair Oil Corporation
P.O. Box 30825
Salt Lake City, Utah 84130

TELEPHONE / FAX: (888) 340-3466 / (801) 524-2740

2. COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENTS:	CAS#	Typical wt.%
Hydrocarbon mixture		100

3. HAZARDS IDENTIFICATION

APPEARANCE: Medium to dark lube oil

PHYSICAL STATE: Liquid

ODOR: Sulfur odor

EMERGENCY OVERVIEW: Non-hazardous

POTENTIAL HEALTH EFFECTS: None expected

4. FIRST AID MEASURES

INHALATION: Move subject to fresh air. Obtain medical attention if symptoms persist.

EYE CONTACT: Flush immediately with water for at least 15 minutes. Consult a physician if irritation persists.

SKIN CONTACT: Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing before reuse.

INGESTION: DO NOT INDUCE VOMITING. Unless directed by a physician. Get medical assistance if symptoms persist.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F): >400°F

FLAMMABLE LIMITS: NA

AUTOIGNITION TEMPERATURE: NA

GENERAL HAZARD: NA

FIRE FIGHTING INSTRUCTIONS: Use self-contained breathing apparatus with full-face piece and protective clothing. Use water spray to cool fire-exposed containers.

FIRE FIGHTING EQUIPMENT: Use Dry Chemical, Foam, CO₂

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL: Dike and contain spill with inert material (sand, earth, fuller's earth, etc.) and transfer liquid and solid diking material to separate containers for recovery or disposal. Floor may be slippery --use care to avoid fall. Keep spill out of all sewers and open bodies of water.

WATER SPILL: Treat spill as an oil spill. Report spills to appropriate authorities. Dispose of in accordance with Federal, State, and Local regulations.

7. HANDLING AND STORAGE

HANDLING / STORAGE: Keep in cool dry area away from heat and flame.

8. EXPOSURE CONTROLS, RESPIRATORY & PERSONAL PROTECTION

ENGINEERING CONTROLS: Normal room ventilation

PERSONAL PROTECTION:

PROTECTIVE CLOTHING: None required under normal conditions of use.

RESPIRATOR: None required under normal conditions of use

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Liquid

COLOR: Medium to dark lube

DENSITY/SPECIFIC GRAVITY (g/ml): 0.9

VAPOR DENSITY (air=1): >1

VAPOR PRESSURE: NA

BOILING POINT/RANGE: NA

SOLUBILITY IN WATER: insoluble

VISCOSITY: Varies by grade

pH : N/A

EVAPORATION RATE (Butyl Acetate =1): Slower than ether

10. STABILITY AND REACTIVITY

GENERAL: This product is stable

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION: Oxides of phosphorus, sulfur

11. DISPOSAL INFORMATION

Incinerate liquid in approved equipment. Landfill contaminated diking material according to current local, state and federal regulations.

12. TRANSPORT INFORMATION

DOT (Department of Transportation): NA

PROPER SHIPPING NAME: NA

HAZARD CLASS: NA

IDENTIFICATION NUMBER: NA

NAERG96 NUMBER: NA

14. REGULATORY INFORMATION

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): NA

SARA TITLE III (Superfund Amendments and Reauthorization Act): This product contains the following chemical (s) subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: The corresponding CAS number and precedent by weight are also provided.

15. OTHER INFORMATION

REVISION SUMMARY:

Complete review of MSDS, December 2005.

THIS PRODUCT MATERIAL SAFETY DATA SHEET PROVIDES HEALTH AND SAFETY INFORMATION. THE PRODUCT SHOULD BE USED IN APPLICATIONS CONSISTENT WITH THIS PRODUCT LITERATURE. FOR ANY OTHER USES, EXPOSURES SHOULD BE EVALUATED SO THAT APPROPRIATE HANDLING PRACTICES AND TRAINING PROGRAMS CAN BE ESTABLISHED TO ENSURE SAFE WORKPLACE OPERATIONS.

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DATE: December 2005