



MATERIAL SAFETY DATA SHEET

MSDS # L8

ARCTIC FIRE BAR and CHAIN OIL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Arctic Fire Bar and Chain Oil

PRODUCT CODES/ SYNONYMS: 802-000, Rock Drill 68 100

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

No hazardous ingredients as defined by 29 CFR 1910.1200

3. HAZARDS IDENTIFICATION

APPEARANCE: Brown colored

PHYSICAL STATE: liquid

ODOR: Mild odor

EMERGENCY OVERVIEW: Non-Hazardous

POTENTIAL HEALTH EFFECTS: Practically non-toxic

INHALATION: Misting above TLV may cause chemical pneumonitis.

EYE CONTACT: Mild irritant

SKIN CONTACT: Prolonged or repeated skin contact may cause irritation.

INGESTION: Generally low toxicity. If less than one ounce is ingested, material may pass through the system without harm. Very large amounts may cause generalized depression, headache, drowsiness, nausea, vomiting or diarrhea. Small dose may produce irritation and diarrhea.

CHRONIC: Prolonged and/or frequent contact may cause drying, cracking (dermatitis) or folliculitis.

4. FIRST AID MEASURES

INHALATION: Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance.

EYE CONTACT: Flush immediately with water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash contact areas with soap and water. Launder contaminated clothing before reuse.

INGESTION: DO NOT INDUCE VOMITING unless directed by a physician. If unconscious, prevent aspiration of vomitus by placing face down in prone position with head turned to one side. Obtain immediate medical advice and/or attention.

INJECTION: Seek medical aid.

5. FIRE FIGHTING MEASURES

FLASH POINT: 350°F (COC ASTM D-93)

FLAMMABLE LIMITS: Not Determined

AUTOIGNITION TEMPERATURE: Not Determined

FLAMMABILITY CLASSIFICATION: NFPA Flammability =1

GENERAL HAZARD: Non-hazardous

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 MEDIA: CO₂, dry chemical, foam, water fog, (water may cause frothing)

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

-Remove sources of heat or ignition.

-Provide adequate ventilation .

-Small Spills: Take up with noncombustible absorbent such as fullers earth or sand. Place into containers for later disposal. Keep spill out of all sewers and open bodies of water.

-Large Spills: Contain spill in earthen dikes for later recover. Control ignition sources around spill area. Report spills as required to appropriate authorities. Report spill to Coast Guard toll free number (800) 424-8802 for spills that could reach any waterway including intermittent dry creeks. In case of accident or road spill notify Sinclair Oil Corporation at (888) 340-3466 or Chemtrec Emergency Spill (800) 365-7300

7. HANDLING AND STORAGE

STORAGE / HANDLING: Store below 150°F. Keep container tightly closed and away from heat and flame. Keep separate from strong oxidizing agents.

8. EXPOSURE CONTROLS, RESPIRATORY & PERSONAL PROTECTION

ENGINEERING CONTROLS: Normal room ventilation. Use in well-ventilated confined spaces, mechanical ventilation may be required to keep levels of certain components below mandated standards. Responsible individuals should evaluate the concentrations of specific regulated chemicals.

PERSONAL PROTECTION:

PROTECTIVE CLOTHING: Wear body-covering work clothes to avoid prolonged or repeated exposure. Launder soiled work clothes before reuse. Safety goggles, or chemical splash goggles if splashing is anticipated. Wear oil impervious gloves if frequent or prolonged contact is expected.

RESPIRATOR: None required under normal conditions of use.

OCUPATIONAL EXPOSURE LIMITS

COMPONENT	LIMIT	TWA	STEL	CEILING	NOTATION	OTHER
Oil mist	OSHA PEL	5mg/M ³				
Oil mist	ACGIH TLV	5mg/M ³	10mg/M ³			

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Liquid

COLOR: Brown colored

DENSITY/SPECIFIC GRAVITY (g/ml): 0.9

VAPOR DENSITY (air=1): >1

VAPOR PRESSURE: NA

BOILING POINT/RANGE: >600°F

SOLUBILITY IN WATER: Negligible

VISCOSITY sus@100°F: Varies by grade

pH : NA

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

10. STABILITY AND REACTIVITY

GENERAL: This product is stable and will not react violently with water

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Avoid heat, flame, strong oxidants, and strong acids

HAZARDOUS DECOMPOSITION: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Non-Hazardous

12. DISPOSAL INFORMATION

WASTE DISPOSAL:

- Check before disposing to be sure you are in compliance with all applicable laws and regulations.
- Treat used oil according to current rules and regulations.
- Incinerate material in approved equipment
- Landfill contaminated diking material according to current local, state and federal regulations.

Protective Measures During Repair and Maintenance of Contaminated Equipment:

- Wash exposed skin thoroughly with soap and water.
- Use polymer gloves if extended, direct contact is expected.
- Avoid prolonged contact with used oil.

EPA Hazard Class: NA

Dispose of in accordance with Federal, State, and Local regulations.

13. TRANSPORT INFORMATION

DOT (Department of Transportation):

PROPER SHIPPING NAME: Petroleum Lubrication Oil (Non-regulated)

HAZARD CLASS: Non-Hazardous (Not regulated by US DOT)

IDENTIFICATION NUMBER: None

14. REGULATORY INFORMATION

Section 313 (Title III Superfund Amendment 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 percent by weight are also provided.

None

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