



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: AF-FRD
Product Class: Rope dressing.
WHMIS Classification: Class D2B Toxic Material

Supplier Name and Address: Irving 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>
Barium Sulphonate	68476-30-2	1-5	5 ppm	Not established.	Oral(Rat) 3 g/kg

SECTION 3 - PHYSICAL DATA AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Amber
Odour: Low
Specific Gravity @ 15°C: 0.9
Solubility in Water: Negligible
Freezing Point (°C): < 0

pH: < 9
Coefficient of water/oil dist.: < 1

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammability: Yes No
Flash Point : > 150°C (COC)

Conditions: Open flame above flash point.

Upper Flammable Limit: Not established.
Auto Ignition Temperature: Not established.
Sensitivity to Impact: Not established.

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

Means of Extinction: Dry chemical, foam, water fog or carbon dioxide.
Hazardous Combustion Products: Oxides of carbon, asphyxiants.
Special Procedures: 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: Not established.
Hazardous decomposition products: Not established.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye Skin Contact Skin Absorption Inhalation Ingestion

Effects of Acute Exposure: May cause eye irritation. Ingestion may cause gastrointestinal irritation.
Effects of Chronic Exposure: Not established.

Exposure Limits: See ACGIH-TLV, Section 2.
Reproductive Toxicity: Not established.
Irritancy of Product: Mild eye irritant.

Carcinogenicity: Not established.
Teratogenicity: Not established.
Mutagenicity: Not established.

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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 exposure limits are exceeded.
Footwear: No special requirements under normal conditions.
Clothing: No special requirements under normal conditions.
Other:

Engineering Controls: Local exhaust at source of vapours.

Leak and Spill Procedure: Contain spills with dikes or absorbent material. Eliminate fire hazards. Prevent from entering sewers or water courses. Pick up free liquid for recycle and/or disposal. Absorb residual liquid and transfer absorbed material into containers.

Waste Disposal: Follow local and governmental regulations. Not regulated as a hazardous waste.

Storage Requirements: Cool, dry location. Keep containers closed.

Special Shipping Information:

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 or milk 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:

SECTION 9 - PREPARATION DATE OF MSDS

MSDS Prepared by: Irving Blending & Packaging **Phone:** 800-574-5823
MSDS Date: April 5, 2013
Revision: 03