

WHITMORE'S

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY					
Product Name:	Rope Guard LF (All Grades)	Manufacturer/Supplier:			
Chemical Family:	Petroleum Hydrocarbon	The Whitmore Manufacturing Company			
Use:	Wire Rope Lubricant	930 Whitmore Drive Rockwall, Texas 75087, U.S.A.			
Emergency Tel. No.:	CHEMTREC	U.S.A. & Canada	800-424-9300 (24 hrs)		
		International	703-527-3887 (Collect - 24 hr)		
		Australia	00-111-703-527-3887 (Collect - 24 hr)		
II. COMPOSITION INFORMATION ON INGREDIENTS					
Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
None					
III. ADVERSE HUMAN HEALTH EFFECTS					
Eyes:	Any eye contact will cause irritation.				
Skin:	Prolonged skin contact may cause irritation.				
Inhalation:	Prolonged breathing of vapors will cause irritation.				
Ingestion:	Harmful if swallowed.				
IV. FIRST AID MEASURES					
Eyes:	Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION.				
Skin:	Thoroughly wash exposed area with soap and water.				
Inhalation:	Provide fresh air. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION.				
Ingestion:	If cathartic effect persists, SEEK MEDICAL ATTENTION.				
V. FIRE FIGHTING MEASURES					
Extinguishing Media:	Foam, Dry Chemical, Carbon Dioxide				
Unsuitable Extinguishing Media:	Not Known				
Fire Fighting Protective Equipment:	Use organic NIOSHA/MSHA filter-type respirator.				
VI. ACCIDENTAL RELEASE MEASURES					
Personal Precautions:	Wear plastic or neoprene rubber gloves and safety goggles.				
Environmental Precautions:	Do not allow it to enter drains.				
Spillage:	Absorb with dry, inert material and shovel up.				
VII. HANDLING AND STORAGE					
Handling:	Keep away from open flame or sparks.				
Storage:	Keep away from open flame or sparks.				
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION					
Respiratory Protection:	If overheated, use organic NIOSHA/MSHA filter-type respirator.				
Hand Protection:	Protective gloves for hypersensitive persons.				
Eye Protection:	Safety Goggles				
Body Protection:	None				

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Fluid **Color:** Dark to Amber **Odor:** Petroleum
Boiling Range/point, °F (°C): N/A **Melting Point, °F (°C):** N/A

HMS SYMBOLS

Health	1
Flammability	1
Reactivity	0
PPI	B

MSDS-217

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Flash Point (COC), °F (°C): >500 (>260) **Autoignition Temperature, °F (°C):** >600 (>316)
Explosive Properties: LEL: N/A UEL: N/A **Evaporation Rate (Butyl Acetate):** N/A
Partition Coefficient (Log Pow): N/A **Vapor Pressure (kPa):** Nil
Density: <1.0 **Flammability:** N/A
Oxidizing Properties: None **Solubilities in Water:** Nil **Vapor Density:** N/A **% Volatiles:** Nil

X. STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions.
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong oxidizing agents.
Decomposition Products: CO₂, CO, SO₂, P₂O₅

XI. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Known **Skin Irritancy:** Very Mild
Chronic Toxicity: Not Known **Skin Sensitization:** None
Sub-acute/Subchronic Toxicity: Not Known **Genotoxicity:** Not Known
California Prop 65: N/A **EC Classification (67/548/EEC):** N/A
Carcinogenicity: NTP: No **IARC:** No **OSHA:** No
LC-50: Not Available **LD-50:** Not Available

XII. ECOLOGICAL INFORMATION

Possible Effects: Not Known
Behavior: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Not thought to be toxic to marine or land organisms.

XIII. WASTE DISPOSAL

Product Disposal: Contact waste disposal company or local authority for advice.
Container Disposal: Observe all local, state, and federal regulations.

XIV. TRANSPORT INFORMATION

DOT: Not Regulated **UN No.:** Not Regulated
Air Transport (ICAO/IATA): Not Regulated
Sea Transport (IMO/IMDG): Not Regulated
Road and Rail Transport (ADR/RID): Not Regulated

XV. REGULATORY INFORMATION

Labeling Information: Not Regulated **EC Annex 1 Classification:** N/A
R Phrases: N/A
S Phrases: S2 Keep our of the reach of children.
Ozone Depleting Chemicals: None/Nil **TSCA:** All components listed.
WHMIS (Canada): Not Regulated
EPA Regulation 40 CFR Part 372 (SARA Section 313): None

XVI. OTHER INFORMATION

None