

# WHITMORE'S

## MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of Worksafe Australia.

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

### HMS SYMBOLS

Health	1
Flammability	1
Reactivity	0
PPI	B

MSDS-202

Effective Date: 8-3-98

Revised Date: 9-18-06

<b>IX. PHYSICAL AND CHEMICAL PROPERTIES</b>							
<b>Physical State:</b>	Liquid	<b>Color:</b>	Black	<b>Odor:</b>	Solvent		
<b>Boiling Range/point, °F (°C):</b>	>450 (>232)	<b>Melting Point, °F (°C):</b>	N/A				
<b>Flash Point (PMCC), °F (°C):</b>	230 (110)	<b>Autoignition Temperature, °F (°C):</b>	>600 (>316)				
<b>Explosive Properties:</b>	<b>LEL:</b> 1.8 <b>UEL:</b> 11.8	<b>Evaporation Rate (Butyl Acetate):</b>	<0.1				
<b>Partition Coefficient (Log Pow):</b>	N/A		<b>Vapor Pressure (kPa):</b>	<0.1			
<b>Density:</b>	1.01-1.03	<b>Flammability:</b>	N/A				
<b>Oxidizing Properties:</b>	None	<b>Solubilities in Water:</b>	Nil	<b>Vapor Density:</b>	4.7	<b>% Volatiles:</b>	15-23
<b>X. STABILITY AND REACTIVITY</b>							
<b>Stability:</b>	Chemically stable under normal conditions.						
<b>Conditions to Avoid:</b>	Powerful sources of ignition and extreme temperatures.						
<b>Materials to Avoid:</b>	Strong oxidizing agents.						
<b>Decomposition Products:</b>	Oxides of carbon, hydrocarbons, and chloride.						
<b>XI. TOXICOLOGICAL INFORMATION</b>							
<b>Acute Toxicity:</b>	Not Known	<b>Skin Irritancy:</b>	Very Mild				
<b>Chronic Toxicity:</b>	Not Known	<b>Skin Sensitization:</b>	None				
<b>Sub-acute/Subchronic Toxicity:</b>	Not Known		<b>Genotoxicity:</b>	Not Known			
<b>California Prop 65:</b>	N/A		<b>EC Classification (67/548/EEC):</b>	N/A			
<b>Carcinogenicity:</b>	NTP: No	<b>IARC:</b>	No	<b>OSHA:</b>	No		
<b>LC-50:</b>	Not Available						
<b>LD-50:</b>	Not Available						
<b>XII. ECOLOGICAL INFORMATION</b>							
<b>Possible Effects:</b>	Not Known						
<b>Behavior:</b>	Relatively well behaved. Bioaccumulation potential nil.						
<b>Environmental Fate:</b>	Not thought to be toxic to marine or land organisms						
<b>XIII. WASTE DISPOSAL</b>							
<b>Product Disposal:</b>	Contact waste disposal company or local authority for advice.						
<b>Container Disposal:</b>	Observe all local, state, and federal regulations.						
<b>XIV. TRANSPORT INFORMATION</b>							
<b>DOT:</b>	Not Regulated	<b>UN No.:</b>	Not Regulated				
<b>Air Transport (ICAO/IATA):</b>	Not Regulated						
<b>Sea Transport (IMO/IMDG):</b>	Not Regulated						
<b>Road and Rail Transport (ADR/RID):</b>	Not Regulated						
<b>XV. REGULATORY INFORMATION</b>							
<b>Labeling Information:</b>	Not Regulated		<b>EC Annex 1 Classification:</b>	N/A			
<b>R Phrases:</b>	N/A						
<b>S Phrases:</b>	S2 Keep out of the reach of children.						
<b>Ozone Depleting Chemicals:</b>	None/Nil		<b>TSCA:</b>	All components listed.			
<b>WHMIS (Canada):</b>	Not Regulated						
<b>EPA Regulation 40 CFR Part 372 (SARA Section 313):</b>	None						
<b>XVI. OTHER INFORMATION</b>							
Petroleum Hydrocarbon Base - >70% by wt.							

# WHITMORE'S

## MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY			
<b>Product Name:</b>	<b>EnviroLube®</b> (Light)	<b>Manufacturer/Supplier:</b>	The Whitmore Manufacturing Company 930 Whitmore Drive Rockwall, Texas 75087, U.S.A.
<b>Chemical Family:</b>	Petroleum Hydrocarbon		
<b>Use:</b>	Open Gear Lubricant		
<b>Emergency Tel. No.:</b>	CHEMTREC U.S.A. & Canada International Australia	800-424-9300 (24 hrs) 703-527-3887 (Collect - 24 hr) 00-111-703-527-3887 (Collect - 24 hr)	

II. COMPOSITION INFORMATION ON INGREDIENTS					
<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Wt%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits of Exposure</u>
None					

III. ADVERSE HUMAN HEALTH EFFECTS	
<b>Eyes:</b>	Any eye contact will cause irritation.
<b>Skin:</b>	Prolonged skin contact may cause irritation.
<b>Inhalation:</b>	Prolonged breathing of vapors will cause irritation.
<b>Ingestion:</b>	Harmful if swallowed.

IV. FIRST AID MEASURES	
<b>Eyes:</b>	Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION.
<b>Skin:</b>	Thoroughly wash exposed area with soap and water.
<b>Inhalation:</b>	Provide fresh air. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION.
<b>Ingestion:</b>	If cathartic effect persists, SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES	
<b>Extinguishing Media:</b>	Foam, Dry Chemical, Carbon Dioxide
<b>Unsuitable Extinguishing Media:</b>	Not Known
<b>Fire Fighting Protective Equipment:</b>	Use organic NIOSHA/MSHA filter-type respirator.

VI. ACCIDENTAL RELEASE MEASURES	
<b>Personal Precautions:</b>	Wear plastic or neoprene rubber gloves and safety goggles.
<b>Environmental Precautions:</b>	Do not allow it to enter drains.
<b>Spillage:</b>	Absorb with dry, inert material and shovel up.

VII. HANDLING AND STORAGE	
<b>Handling:</b>	Keep away from open flame or sparks.
<b>Storage:</b>	Keep away from open flame or sparks.

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION	
<b>Respiratory Protection:</b>	If overheated, use organic NIOSHA/MSHA filter-type respirator.
<b>Hand Protection:</b>	Protective gloves for hypersensitive persons.
<b>Eye Protection:</b>	Safety Goggles
<b>Body Protection:</b>	None

### HMS SYMBOLS

Health	1
Flammability	1
Reactivity	0
PPI	B

MSDS-060

Effective Date: 5-13-91

Revised Date: 9-18-06

IX. PHYSICAL AND CHEMICAL PROPERTIES			
<b>Physical State:</b>	Liquid	<b>Color:</b>	Black
<b>Boiling Range/point, °F (°C):</b>	>450 (>232)	<b>Melting Point, °F (°C):</b>	N/A
<b>Flash Point (PMCC), °F (°C):</b>	215 (102)	<b>Autoignition Temperature, °F (°C):</b>	>600 (>316)
<b>Explosive Properties:</b>	LEL: 1.8 UEL: 11.8	<b>Evaporation Rate (Butyl Acetate):</b>	<0.1
<b>Partition Coefficient (Log Pow):</b>	N/A	<b>Vapor Pressure (kPa):</b>	<0.1
<b>Density:</b>	1.00	<b>Flammability:</b>	N/A
<b>Oxidizing Properties:</b>	None	<b>Solubilities in Water:</b>	Nil
<b>Vapor Density:</b>	4.7	<b>% Volatiles:</b>	45

X. STABILITY AND REACTIVITY	
<b>Stability:</b>	Chemically stable under normal conditions.
<b>Conditions to Avoid:</b>	Powerful sources of ignition and extreme temperatures.
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Decomposition Products:</b>	CO, CO <sub>2</sub> , Sb <sub>2</sub> O <sub>3</sub> , Sb <sub>2</sub> O <sub>5</sub> , P <sub>2</sub> O <sub>5</sub> , SO <sub>2</sub>

XI. TOXICOLOGICAL INFORMATION			
<b>Acute Toxicity:</b>	Not Known	<b>Skin Irritancy:</b>	Very Mild
<b>Chronic Toxicity:</b>	Not Known	<b>Skin Sensitization:</b>	None
<b>Sub-acute/Subchronic Toxicity:</b>	Not Known	<b>Genotoxicity:</b>	Not Known
<b>California Prop 65:</b>	N/A	<b>EC Classification (67/548/EEC):</b>	R20/22
<b>Carcinogenicity:</b>	NTP: No	<b>IARC:</b>	No
<b>LC-50:</b>	Not Available	<b>OSHA:</b>	No
		<b>LD-50:</b>	Not Available

XII. ECOLOGICAL INFORMATION	
<b>Possible Effects:</b>	Not Known
<b>Behavior:</b>	Relatively well behaved. Bioaccumulation potential nil.
<b>Environmental Fate:</b>	Not thought to be toxic to marine or land organisms

XIII. WASTE DISPOSAL	
<b>Product Disposal:</b>	Contact waste disposal company or local authority for advice.
<b>Container Disposal:</b>	Observe all local, state, and federal regulations.

XIV. TRANSPORT INFORMATION	
<b>DOT:</b>	Not Regulated
<b>UN No.:</b>	Not Regulated
<b>Air Transport (ICAO/IATA):</b>	Not Regulated
<b>Sea Transport (IMO/IMDG):</b>	Not Regulated
<b>Road and Rail Transport (ADR/RID):</b>	Not Regulated

XV. REGULATORY INFORMATION	
<b>Labeling Information:</b>	Not Regulated
<b>EC Annex 1 Classification:</b>	R20/22
<b>R Phrases:</b>	R20/22 Harmful by inhalation and if swallowed.
<b>S Phrases:</b>	S2 Keep out of the reach of children.
<b>Ozone Depleting Chemicals:</b>	None/Nil
<b>TSCA:</b>	All components listed.
<b>WHMIS (Canada):</b>	Not Regulated
<b>EPA Regulation 40 CFR Part 372 (SARA Section 313):</b>	None

XVI. OTHER INFORMATION	
None	