

WHITMORE'S

MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of Worksafe Australia.

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

HMS SYMBOLS

	1
	1
Reactivity	0
PPI	B

MSDS-202

Effective Date: 8-3-98

Revised Date: 9-22-09

IX. PHYSICAL AND CHEMICAL PROPERTIES							
Physical State:	Liquid	Color:	Black	Odor:	Solvent		
Boiling Range/point, °F (°C):	>450 (>232)	Melting Point, °F (°C):	N/A				
Flash Point (PMCC), °F (°C):	230 (110)	Autoignition Temperature, °F (°C):	>600 (>316)				
Explosive Properties:	LEL: 1.8 UEL: 11.8	Evaporation Rate (Butyl Acetate):	<0.1				
Partition Coefficient (Log Pow):	N/A		Vapor Pressure (kPa):	<0.1			
Density:	1.01-1.03	Flammability:	N/A				
Oxidizing Properties:	None	Solubilities in Water:	Nil	Vapor Density:	4.7	% Volatiles:	15-23
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:	Oxides of carbon, hydrocarbons, and chloride.						
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 out 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							
Petroleum Hydrocarbon Base - >70% by wt.							

WHITMORE'S

MATERIAL SAFETY DATA SHEET

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Product Name:	EnviroLube® (Light)	Manufacturer/Supplier: The Whitmore Manufacturing Company 930 Whitmore Drive Rockwall, Texas 75087, U.S.A.			
Chemical Family:	Petroleum Hydrocarbon				
Use:	Open Gear Lubricant				
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					
<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					
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				

HMS SYMBOLS

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Reactivity	0
PPI	B

MSDS-060

Effective Date: 5-13-91

Revised Date: 9-22-09

IX. PHYSICAL AND CHEMICAL PROPERTIES							
Physical State:	Liquid	Color:	Black	Odor:	Solvent		
Boiling Range/point, °F (°C):	>450 (>232)	Melting Point, °F (°C):	N/A				
Flash Point (PMCC), °F (°C):	215 (102)	Autoignition Temperature, °F (°C):	>600 (>316)				
Explosive Properties:	LEL: 1.8 UEL: 11.8	Evaporation Rate (Butyl Acetate):	<0.1				
Partition Coefficient (Log Pow):	N/A		Vapor Pressure (kPa):	<0.1			
Density:	1.00	Flammability:	N/A				
Oxidizing Properties:	None	Solubilities in Water:	Nil	Vapor Density:	4.7	% Volatiles:	45
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:	CO, CO ₂ , Sb ₂ O ₃ , Sb ₂ O ₅ , P ₂ O ₅ , SO ₂						
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):	R20/22			
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						
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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:	R20/22			
R Phrases:	R20/22 Harmful by inhalation and if swallowed.						
S Phrases:	S2 Keep out 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							