

# WHITMORE'S

## MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of Worksafe Australia.

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY						
<b>Product Name:</b>	<b>Earthkeeper™ Hydraulic Oil</b> (All Grades)	<b>Manufacturer/Supplier:</b>	The Whitmore Manufacturing Company 930 Whitmore Drive Rockwall, Texas 75087, U.S.A.			
<b>Chemical Family:</b>	Vegetable-Derived Oil	<b>Use:</b>	Biodegradable Hydraulic Fluid			
<b>Emergency Tel. No.:</b>	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						
<b>Eyes:</b>	Any eye contact will cause irritation.					
<b>Skin:</b>	Prolonged skin contact may cause irritation.					
<b>Inhalation:</b>	Breathing fumes in confined areas at elevated temperatures will cause lung irritation.					
<b>Ingestion:</b>	May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.					
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 source. If irritation persists, SEEK MEDICAL ATTENTION.					
<b>Ingestion:</b>	Do not induce vomiting. SEEK MEDICAL ATTENTION.					
V. FIRE FIGHTING MEASURES						
<b>Extinguishing Media:</b>	Foam, CO <sub>2</sub> , Dry Chemical. Do not use heavy stream of water - fatty material will float.					
<b>Unsuitable Extinguishing Media:</b>	Not known.					
<b>Fire Fighting Protective Equipment:</b>	Self-contained breathing apparatus is recommended.					
VI. ACCIDENTAL RELEASE MEASURES						
<b>Personal Precautions:</b>	Wear plastic or neoprene rubber gloves.					
<b>Environmental Precautions:</b>	No special environmental precautions required.					
<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>	None					
<b>Hand Protection:</b>	Plastic or Neoprene Rubber					
<b>Eye Protection:</b>	Safety Goggles					
<b>Body Protection:</b>	None					

### HMS SYMBOLS

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Reactivity	0
PPI	B

MSDS-550

Effective Date: 12-02-08

Revised Date: 3-27-09

IX. PHYSICAL AND CHEMICAL PROPERTIES								
<b>Physical State:</b>	Liquid	<b>Color:</b>	Green	<b>Odor:</b>	Mild			
<b>Boiling Range/point, °F (°C):</b>	No data available.	<b>Melting Point, °F (°C):</b>	N/A					
<b>Flash Point (CO<sub>C</sub>), °F (°C):</b>	>400 (>204)	<b>Autoignition Temperature, °F (°C):</b>	N/A					
<b>Explosive Properties:</b>	<b>LEL:</b> N/A	<b>UEL:</b> N/A	<b>Evaporation Rate (Butyl Acetate):</b>	Nil				
<b>Partition Coefficient (Log Pow):</b>	N/A	<b>Vapor Pressure (mmHg):</b>	<1.0					
<b>Density:</b>	7.68-7.70	<b>Flammability:</b>	Nonflammable	<b>Specific Gravity:</b>	0.9212-0.9236			
<b>Oxidizing Properties:</b>	Nil	<b>Solubilities in Water:</b>	Nil	<b>Vapor Density:</b>	N/A	<b>% Volatiles:</b>	Nil	
X. STABILITY AND REACTIVITY								
<b>Stability:</b>	Chemically stable under normal conditions.							
<b>Conditions to Avoid:</b>	Direct flame.							
<b>Materials to Avoid:</b>	Strong inorganic and organic acids and oxidizing agents.							
<b>Decomposition Products:</b>	Burning will produce carbon oxides, aldehydes.							
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>	Not Known					
<b>Sub-acute/Subchronic Toxicity:</b>	Not Known	<b>Genotoxicity:</b>	Not Known					
<b>California Prop 65:</b>	Not Available	<b>EC Classification (67/548/EEC):</b>	No					
<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							
XII. ECOLOGICAL INFORMATION								
<b>Possible Effects:</b>	Contains no substances known to be hazardous to the environment.							
<b>Behavior:</b>	Contains no substances known to be non-biodegradable in waste water treatment.							
<b>Environmental Fate:</b>	Not thought to be toxic to marine or land organisms.							
XIII. WASTE DISPOSAL								
<b>Product Disposal:</b>	Observe all local, state, & federal regulations concerning disposal of lubricating oil.							
<b>Container Disposal:</b>	Observe all local, state, & federal regulations concerning disposal of lubricating oil.							
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>	N/A						<b>EC Annex 1 Classification:</b>	N/D
<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							
XVI. OTHER INFORMATION								
None								