

Section 1 – Product & Company Identification

Product Name: GREENLEE Hydraulic Oil

Product Model No: 4016GB and 4017GB

Product Catalog No: 90510593 (Gallon); 90508608 (Quart)

Recommended Use: For use with Greenlee hydraulic equipment

Restrictions on Use: Industrial use only

Company Information:

<u>North America</u> GREENLEE TOOLS, INC. 4455 Boeing Drive Rockford, Illinois 61109-2932 1-815-387-9547 (8:00 am – 5:00 pm EST, M-F) Emergency Telephone call 9-1-1 or local emergency number www.Greenlee.com	<u>Canada</u> Emerson Electric Canada Limited 66 Leek Crescent , Richmond Hill, Ontario L4B 1H1 905-762-1010
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Section 2 – Hazards Identification

EMERGENCY OVERVIEW				
		HMIS		
GHS Classification		HEALTH	1	
Physical Hazards	Not Classified	FLAMMABILITY	1	
		PHYSICAL HAZARD	0	
Health and Environmental Hazards	See below	PERSONAL PROTECTION		See Section 8
Signal Word	WARNING			

Health and Environmental Hazards

Eye damage/irritation Category 2B – Causes eye irritation.

Precautionary Statements

Wash thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

Section 3 – Composition / Information On Ingredients

Component	CAS Number	Percentage
Petroleum oil	64742-65-0	>90

Section 4 – First Aid Measures

Skin Contact First aid not normally required. Remove contaminated clothing. Wash area of contact with soap and water. Wash clothing before reuse. Get medical attention if irritation occurs and persists.

Eye Contact Remove contact lenses. Flush with water until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

Inhalation Remove affected person from source of exposure. Get medical attention if discomfort persists.

Ingestion Do not induce vomiting because of danger of aspiration into

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lungs. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention.

Section 5 – Fire Fighting Measures

Basic Firefighting Procedures

Treat as an oil fire. Do not use a water jet. Use water spray, dry chemical, foam or CO2 to extinguish fire. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment. Flush spills away from sources of ignition.

Unusual Fire and Explosion Hazards

Combustible at high temperatures. Irritating or toxic substances may be emitted.

Section 6 – Accidental Release Measures

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action	Isolate release area and keep unnecessary people away. Exercise caution regarding personnel safety and exposure.
Spill/Leak Procedure	Floor and surfaces may be slippery. Dike with sand or other noncombustible material. Flush area with water provided runoff does not enter drain or sewer; use absorbent material and dispose of properly.
Notification	Any spill or release to navigable water that causes a visible sheen upon the water must be reported immediately to the National Response Center (800/424-8802), as required by U.S. federal law.

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Section 7 – Handling And Storage**Refer to Section 8: Exposure Control and Personal Protection**

Handling Wear proper protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. For industrial use only. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you are exposed and feel unwell. The shipping and storage container is not designed to be pressurized. Do not use pressure to empty the container as it may rupture with explosive force. Containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers.

Storage Store product in closed containers in a well-ventilated area away from heat, sources of ignition and incompatibles. Do not store in unlabeled containers. Empty containers may contain residue or vapors.

Section 8 – Exposure Controls / Personal Protection

Component	ACGIH TLV	OSHA PEL
Petroleum oil	5 mg/m ³	5 mg/m ³
Engineering Controls	Use appropriate ventilation to maintain airborne concentration limits below recommended exposure limits.	
Eye and Face Protection	Wear safety glasses; use face shield if splashing is possible.	
Skin Protection	Oil resistant gloves should be used to avoid repeated contact.	
Respiratory Protection	Not normally needed. A NIOSH or MSHA approved respirator should be used in areas with high vapor concentrations or oil misting.	

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Section 9 – Physical And Chemical Properties

Appearance/Physical State	Amber liquid	Flash Point	>300 °F
Specific Gravity (Water=1)	See Data Sheet	Upper/Lower Flammability Limits (Vol. %)	Not Determined
pH	Not Applicable	Auto-ignition Temperature	Not Determined
Solubility in Water	Negligible	Decomposition Temperature	Not Determined
Odor	Petroleum	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	>1
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity	See Data Sheet
Initial Boiling Point	Not Determined	Critical Temperature	Not Determined
<p>Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Those should be requested separately.</p>			

Section 10 – Stability And Reactivity

Reactivity Does not react under normal conditions of use.
Chemical Stability Stable under normal conditions of use.
Stability/Incompatibility Avoid contact with strong oxidizers.
Conditions to Avoid Open flame or sources of ignition.
Hazardous Reactions/Decomposition Products
 Does not decompose under normal conditions; combustion may produce CO, CO₂, volatile hydrocarbons and other possibly toxic gases.

Section 11 – Toxicological Information

Likely Routes of Exposure Inhalation, skin, eyes
Acute Effects Product not tested. Based on components the effects of skin contact, inhalation and ingestion are expected to be mild. Some temporary eye irritation may occur. Refer to

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Chronic Effects	Sections 2 and 4 for recommended actions. Any acute symptoms may be aggravated. Refer to Sections 2 and 4 for recommended actions.
Symptoms	Prolonged or repeated exposure may cause redness, drying, or cracking of the skin, eye irritation, gastrointestinal and respiratory discomfort. Refer to Sections 2 and 4 for recommended actions.
Carcinogenicity	No components of this product are found to be carcinogens by NTP, IARC or OSHA.

Section 12 – Ecological Information

Ecotoxicity	Not Determined
Persistence and Biodegradability	Not Determined
Bioaccumulative Potential	Not Determined
Mobility in Soil	Not Determined

Section 13 – Disposal Consideration

Dispose of this product in compliance with all applicable federal, state and local regulations.

Section 14 – Transportation Information

DOT	Not Regulated
UN Proper Shipping Name/Number	Not Regulated

Section 15 – Regulatory Information

Chemical Inventory Lists	All ingredients are listed on TSCA and DSL
SARA (311/312) Reportable Hazard Categories	None
SARA 313 Ingredients	None



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Section 16 – Other Information

Prepared by:..... GREENLEE TOOLS, INC.

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