SAFETY DATA SHEET

SECTION 1  CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Chemical Name: Universal Tractor Hydraulic Fluid
Date Prepared: 10/17/2014
Product Description: Hydraulic Fluid
Use of substance/mixture: Tractor Hydraulic Fluid
Details of the supplier: Major Brands Oil Company
462 West 23rd Street, Holland, MI 49423
616-392-5936
www.majorbrandsoil.com

SECTION 2  HAZARDOUS IDENTIFICATION

GHS-US Classification
Classification of Mixture: Not Classified
Full text of H-phrases: see section 16

GHS-US Labelling
Pictograms: Not Required
Signal Word: Not Hazardous
Hazard Statements:
Precautionary statements:
P273 - Avoid release to the environment
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Other Hazards:
The mixture consists of substances capable of producing an aspiration hazard. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and even death.

No data available for unknown acute toxicity: 9.73% of the mixture consists of ingredients(s) of unknown acute toxicity

SECTION 3  COMPOSITION / INFORMATION ON INGREDIENTS

Substances: Not applicable
Mixture: Ingredient
Petroleum distillates, Solvent dewaxed: 64742-65-0 75.75 - 95, 64-85 Not Classified
Heavy Paraffinic distillates, petroleum, hydrotreated: 64742-54-7 0-11, 10-17 Not Classified
Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts: 68649-42-3 0.7-2.7 Aquatic Chronic 3, H402

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard (29 CFR 1910.1200)
*More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary due to varying composition.
Full text of H-phrases: see section 16
# SAFETY DATA SHEET

## SECTION 4  FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible.)

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a Poison Center or doctor/physician.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** No known significant effects or critical hazards.

**Inhalation:** Overexposure may be irritating to the respiratory system.

**Skin Contact:** Repeated or prolonged skin contact may cause irritation.

**Eye Contact:** Direct contact with the eyes is likely irritating.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** No known significant effects or critical hazards.

### Indication of ANY immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible.)

## SECTION 5  FIRE-FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable extinguishing Media:** Do not use a heavy water stream. May spread fire.

**Unusual Fire or Explosion Hazards:** Not flammable but will support combustion. Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Fire-Fighting Instructions:** Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present. Use water spray or fog for cooling exposed containers.

**Fire-Fighting Equipment:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Under fire conditions, may produce fumes, smoke, oxides of carbon and hydrocarbons. Refer to section 9 for flammability properties.

## SECTION 6  ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:**

**For Non-Emergency Personnel:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray)

**Emergency Procedures:** Use appropriate personal protection equipment (PPE)

**For Emergency Personnel Protective Equipment:** Evacuate unnecessary personnel

**Emergency Procedures:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
Reference to other Sections: See Section 8. Exposure controls and personal protection. For further information refer to Section 13

SECTION 7 HANDLING AND STORAGE
Handling Precautions: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Minimum feasible handling temperatures should be maintained.
Storage Requirements: Keep only in the original container. Empty containers that may contain product residue and may be dangerous. Keep container closed when not in use. Store in a dry, cool and well-ventilated place. Keep container away from open flames, strong acids, strong bases and oxidizing agents. Do not store near food.
Incompatible Materials: Strong acids, Strong bases, strong oxidizers.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION
Control parameters: For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.
Personal protection: Avoid all unnecessary exposure. Wear gloves and safety glasses.

Ventilation: Normal to maintain exposure below TLV
Respiratory Protection: Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. Use a NIOSH approved organic vapor and gas respirator with mist filter.
Eye Protection: Chemical type goggles or face shield optional.
Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.
Work and Hygienic Practices: Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin area several times daily with soap and water and laundering or dry cleaning soiled work clothing at least weekly.
Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.
Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking and smoking, using the toilet, or applying cosmetics.
# SAFETY DATA SHEET

## SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and odor</td>
<td>Amber liquid with a mild Hydrocarbon odor</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point (760 mm Hg)</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing/Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>204°F</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity (water =1)</td>
<td>0.85</td>
</tr>
<tr>
<td>Vapor Density (air =1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Percent Volatile by Volume</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate (butyl acetate =1)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in Water (% by wt)</td>
<td>Negligible</td>
</tr>
<tr>
<td>Vapor Pressure (at 20ºC)</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity SUS @ 100ºF</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Product is not explosive</td>
</tr>
</tbody>
</table>

## SECTION 10  STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under recommended handling and storage conditions (see section 7)</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Hazardous reactions will not occur under normal conditions.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Does not occur</td>
</tr>
<tr>
<td>Chemical Incompatibilities</td>
<td>Normally unreactive, but try to avoid strong oxidizers, strong acids and strong bases at high temperatures.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>No decomposition expected under normal use and storage conditions.</td>
</tr>
</tbody>
</table>

## SECTION 11  TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

- **Acute Toxicity:** Not Classified
- **LD50 and LC50 Data:** Not available
- **Skin Corrosion/Irritation:** Not classified
- **Eye Damage/Irritation:** Not classified
- **Respiratory or Skin Sensitization:** Not classified
- **Germ Cell Mutagenicity:** Not classified
- **Teratogenicity:** Not classified
- **Carcinogenicity:** Not classified
- **Specific Target Organ Toxicity (Repeated Exposure):** Not classified

### Aspiration Hazard

- **Symptoms/Injuries:** Overexposure may be irritating to the respiratory system

### After Inhalation

- **Symptoms/Injuries:** Overexposure may be irritating to the respiratory system

### After Skin Contact

- **Symptoms/Injuries:** Repeated or prolonged skin contact may cause irritation.

### After Eye Contact

- **Symptoms/Injuries:** Direct contact with the eyes is likely irritating.
PERFORMANCE Tractor Hydraulic Fluid
Universal Tractor Hydraulic Fluid

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Symptoms/Injuries
After Ingestion: Ingestion is likely to be harmful or have adverse gastrointestinal effects.
Chronic Symptoms: Not classified

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:
Heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic:
LD50 Oral - Rat > 2000 mg/kg
LD50 Dermal - Rabbit > 2 g/kg

Petroleum distillates, solvent dewaxed:
LD50 Oral - Rat > 5000 mg/kg
LD50 Dermal - Rabbit > 5 g/kg

SECTION 12 ECOLOGICAL INFORMATION
Toxicity: Toxic to aquatic life
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
Effect on global warming: No known ecological damage caused by this product
Other information: Avoid release to the environment

SECTION 13 DISPOSAL CONSIDERATIONS
Waste Disposal Method: Dispose of waste in accordance with Federal, State and local laws.
Disposal Regulatory Requirements: Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses transformations, mixture, processes, etc., may render the resulting material hazardous (see waste classifications)

SECTION 14 TRANSPORT INFORMATION
In Accordance with DOT: Not regulated for transportation
In accordance with IMDG: Not regulated for transportation
In Accordance with IATA: Not regulated for transportation
In Accordance with TDG: Not regulated for transportation

SECTION 15 REGULATORY INFORMATION
US Federal Regulations: SARA Section 311/312 Hazard Classes - Not Classified
US State Regulations: None Noted
International Regulations Canada:
Phosphorodithioic acid, O, O-dic1-41-alkyl esters, zinc salts (68649-42-3):
WHMIS Classification - Not classified
Listed on the Canadian DSL. WHMIS Classification - Class D, Division 2, Subdivision B - Toxic material causing other toxic effects
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Petroleum distillates, Solvent dewaxed (64742-65-0):
Listed on the Canadian DSL. WHMIS Classification - Uncontrolled product according to WHMIS classification criteria

Distillates, petroleum, hydrotreated heavy Paraffinic (64742-54-7):
Listed on the Canadian DSL. WHMIS Classification - Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16 OTHER INFORMATION

Other information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Full text of H-phrases:
P273: Avoid release into the environment
P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

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