Material Safety Data Sheet
Omni Specialty Packaging

1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>MSDS Code Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARTS MASTER ECONOMY TRACTOR HYDRAULIC OIL</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trade Name &amp; Synonyms</th>
<th>Date of Last Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11/08/2006</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Omni Specialty Packaging</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C.A.S. Number</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10399 Hwy. 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grades or Minor Variant Identities</th>
<th>Information Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(318) 524-1100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Use (for Canada)</th>
<th>Emergency Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(318) 524-1100</td>
</tr>
</tbody>
</table>

2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>C.A.S Number</th>
<th>Exposure Limits Oil Mist</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Hydrotreated Naphthenic Distillates (petroleum)</td>
<td>64742-52-5</td>
<td>5 MG/M3</td>
<td>20-60</td>
</tr>
<tr>
<td>Hydrotreated Distillates, Heavy Paraffinic</td>
<td>64742-54-7</td>
<td>5 MG/M3</td>
<td>20-60</td>
</tr>
<tr>
<td>Additive Package</td>
<td>Proprietary</td>
<td>N/A</td>
<td>0.5 – 2</td>
</tr>
</tbody>
</table>

OSHA Regulatory Status

3. Hazards Identification

Emergency Overview
This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

<table>
<thead>
<tr>
<th>Routes of Exposure</th>
<th>Signs and Symptoms</th>
<th>Single, Repeated, or Lifetime Exposures</th>
<th>Severity (Mild, Moderate, Severe)</th>
<th>Acute and Chronic Health Effect(s)</th>
<th>Target Organ(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>May cause irritation to the eyes.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>May cause irritation to the skin.</td>
<td></td>
<td></td>
<td>May cause irritation/dermatitis.</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Low hazard at standard temperatures and pressures. Inhalation of oil mist or fumes can cause irritation of the nose, throat and upper respiratory tract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause nausea, vomiting/diarrhea.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Small amounts of this product, if aspirated into the lungs, may cause mild and severe pulmonary injury, possibly death.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Medical Conditions Aggravated by Exposure
Personnel with pre-existing skin disorders should avoid contact with this product.

Carcinogenicity (OSHA, IARC, NTP)
Based on OSHA 1910.1200 and IARC study, this product does not require labeling.

Potential Environmental Effects
4. First Aid Measures

<table>
<thead>
<tr>
<th>Routes of Exposure</th>
<th>First Aid Instructions</th>
<th>Immediate Medical Attention</th>
<th>Delayed Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Flush with large amount of water for 15 minutes. Get medical attention if eye irritation develops or persists.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>Wash with soap and water. Remove contaminated clothes and wash before reuse. Get medical attention if skin discolor develops.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>If affected, remove individual to fresh air. If not breathing, give mouth-to-mouth resuscitation. Get medical attention if symptoms develop or persist.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>Do not induce vomiting. Get immediate medical attention or advice.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note to Physicians (Treatment, Testing, and Monitoring)
Not available

5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flashpoint</th>
<th>°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method:</td>
<td></td>
</tr>
<tr>
<td>COC</td>
<td>350</td>
</tr>
<tr>
<td>Flammable (Explosive) Limits in Air</td>
<td></td>
</tr>
<tr>
<td>LEL</td>
<td>Not determined</td>
</tr>
<tr>
<td>UEL</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>°F</td>
</tr>
<tr>
<td>(&gt; 315 °C)</td>
<td>600</td>
</tr>
</tbody>
</table>

Flame Propagation or Burning Rate (for solids)
Not Available

Properties Contributing to Fire Intensity
Not Determined

Flammability Classification
OSHA Class III-B Combustible Liquid

Extinguishing Media
Water fog, foam, CO₂ dry chemical

Extinguishing Media to Avoid
Extinguishing Media to Avoid

Reactions to Extinguishing Media

Protection and Procedures for Firefighters
Wear positive pressure self-contained breathing apparatus (SCUBA). Use water to cool containers exposed to flames. Structural firefighters’ protective clothing will only provide limited protection.

Unusual Fire and Explosion Hazards
Mist or sprays may be flammable below the product normal flash point.

6. Accidental Release Measures

Spill/Leak Clean-up Procedures and Equipment
Observing health hazards described above, ventilate area. Dike to contain spill. Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material. Keep from sewers and natural water.

Evacuation Procedures
Large spill
• Consider initial downwind evacuate for at least 300 meters (1000 feet).

Fire
* If tank, rail car or tank car is involved in a fire, isolate for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions.

Special Instructions
When using this material, do not eat, drink, or smoke. Wash thoroughly after handling. Keep away from animals and children.

Reporting Requirements
Spills that enter a water body must be reported immediately to the USEPA’s National Response Center at (800)546-2972. Check with your local and state regulators regarding their reporting requirements.

7. Handling and Storage

Handling Practices and Warnings
Do not pressure, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode.

Storage Practices and Warnings
Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid, and/or vapor) and can be dangerous.
8. Exposure Control/Personal Protection

Other Engineering controls
N/A

Ventilation
Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.

Routes of Entry:
Personal Protective Equipment (PPE) for Normal Use:
PPE for Emergencies

Eye/Face
Safety glasses or face shield where splashing is possible.

Skin
As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.

Inhalation
Not normally needed.

Respirator

9. Physical and Chemical Properties

Appearance
Clear light yellow liquid

Odor
Mild petroleum odor

Normal Physical State:

<table>
<thead>
<tr>
<th>State</th>
<th>Boiling Point</th>
<th>Melting Point</th>
<th>Freezing Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>500-1100 °F</td>
<td>5 °F</td>
<td>-22 °F</td>
</tr>
<tr>
<td>Solid</td>
<td>(Other)</td>
<td>(Other)</td>
<td>(Other)</td>
</tr>
</tbody>
</table>

Specific Gravity or Density (H_2O = 1)
0.92

Solubility in Water
Negligible

pH
Not applicable

Vapor Pressure (mm Hg.)
Not applicable

Vapor Density (AIR = 1)
> 5

Evaporation Rate (Butyl Acetate = 1)
Not Available

Other
N/A

10. Stability and Reactivity

Incompatibility (Materials to Avoid)
Heat, open flame, and oxidizing agents.

Hazardous Products Produced During Decomposition
Combustion products may include smoke, fumes, oxides of phosphorus, boron, sulfur, nitrogen, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

Hazardous Polymerization?
May Occur

X Will Not Occur

Conditions to Avoid
Sources of ignition

Stability?
X Stable

Unstable

Conditions to Avoid

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data

Acute Toxicity: Test on similar materials show a low order of acute oral and dermal toxicity.

Acute Oral Effects: Test on similar materials indicates low order of acute toxicity.

Acute Inhalation Effects: Low acute toxicity expected on inhalation.

Skin Effects: Practically non-toxic if absorbed. Other similar highly refined products have not shown skin tumors in mouse skin painting studies.

Eye Irritation: Minimal irritation on contact. Eye irritation slightly or practically non-irritating base on similar products.

Carcinogenicity:
Skin: Not considered a potential carcinogen base on IP346 DMSO of less than 3.0 wt%.

Genotoxicity: This product is considered non-mutagenic and has negative potential for tumor development based on Modified Ames Assay, with Mutagenic Index of less than 1.0.
12. Ecological Information
Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements
If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

13. Disposal Considerations
Regulations
Dispose in accordance with all local, state, and federal regulations. Keep this product out of sewers and waterways.

Note: State or local requirements may differ from federal regulations. Processing or using this product may make the information here inappropriate. Waste generators are responsible for waste classification, transport, and disposal.

14. Transport Information
<table>
<thead>
<tr>
<th>Regulated for shipping?</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Yes</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>X No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Do changes in quantity, packaging, or shipment method change product qualification?
| □ Yes | X No |

Other

N/A
# 15. Regulatory Information

Federal Regulations (OSHA, TSCA, CERCLA, FIFRA, EPCRA, CAA, CWA, SDWA, CPSA, DEA, FDA/USDA, etc.)

## State Regulations

### U.S. Federal Regulatory Information:

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERCLA/SARA 302/303/304 Categories</td>
<td>Extremely Hazardous Substances</td>
<td>No</td>
</tr>
<tr>
<td>(40 CFR 355 Appendix A) 311/312 Categories</td>
<td>Immediate (Acute) Health Effects</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Delayed (Chronic) Health Effects</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
<tr>
<td>313 Categories</td>
<td>Toxic Chemicals (40 CFR 372)</td>
<td>No</td>
</tr>
<tr>
<td>Clean Air Act:</td>
<td>Hazardous Air Pollutants (HAPS)</td>
<td>No</td>
</tr>
<tr>
<td>Clean Water Act:</td>
<td>If spilled into navigable waters it is reportable to National Response Center, 800-424-8802</td>
<td></td>
</tr>
<tr>
<td>RCRA (40 CFR 261.133)</td>
<td>This product does not meet hazardous waste criteria.</td>
<td></td>
</tr>
<tr>
<td>EPA/TSCA Inventory:</td>
<td>The components of this product are listed on the EPA/TSCA inventory of chemicals.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CAS No. 64742-52-5</td>
<td></td>
</tr>
</tbody>
</table>

### State Regulations:

- **California Prop 65**: No Proposition 65 chemicals exist in this product, no labeling required.
- **Florida**: No listed ingredients are present.
- **Massachusetts RTK**: No listed ingredients are present.
- **New Jersey RTK**: Lists petroleum oil, but this product does not contain hazardous ingredients.
- **Pennsylvania RTK**: Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.
- **Illinois DOL TSL**: No listed ingredients are present.

### Other Regulations:

- **WHMIS (Canada)**: Not listed on the Canadian Controlled Product Ingredient Disclosure and is compliant with Controlled Products Regulation.
- **CONEG Metals**: Since cadmium, chromium, lead and mercury are not detectable and it does not exceed 100 ppm total in this product, it is compliant with CONEG Metals regulation.
- **EEC (Europe)**: This product is not known to be a dangerous good internationally.
  - No known R-Phrases or S-Phrases
  - Hazard Label: None
  - Danger Symbol: None

### Foreign/International Inventories:

- Australia’s AICS No. 64742-52-5
- Canada’s DSL No. 64742-52-5
- Philippines’ PICCS – on List

### International Regulations

N/A

### Other

Not all ingredients will be present in finished product.
### 16. Other Information

**Abbreviations**
- ACGIH (American Conference of Governmental Industrial Hygienists)
- ANSI (American National Standards Institute)
- CAS (Chemical Abstract Service)
- CERCLA (Comprehensive Environmental Response, Compensation, & Liability Act)
- CFR (Code of Federal Regulations)
- CHIP (Chemicals Hazard Information & Packaging for Supply)
- CONCAWE (European Organization for Environment, Health & Safety)
- DOL (Department of Labor)
- EED (European Economic Community Directives)
- EINECS (European Inventory of Existing Commercial Chemical Substances)
- EL50 (Effective loading rate required to immobilize 50% invertebrate species)
- ELICIS (European List of New Chemical Substances)
- EPA (Environmental Protection Agency)
- EPORA (Emergency Planning & Community Right-To-Know Act of 1986)
- EU (European Union)
- FDA (Food & Drug Administration-USA)
- GHS (Global Harmonization System)
- HCS (Hazard Communication Standard)
- IARC (International Agency for Research on Cancer)
- ILO (International Labor Organization)
- LC50 (Lethal Concentration 50% test organisms)
- LVP-VOC (Low Vapor Pressure Volatile Organic Compound)
- MSDS (Material Safety Data Sheet)
- MSHA (Mine Safety & Health Administration)
- NIOSH (National Institute of Occupational Safety & Health)
- NTP (National Toxicology Program)
- OSHA (Occupational Safety & Health Administration)
- PEL (Permissible Exposure Limit)
- PMCC (Pensky Martin Closed Cup)
- RCRA (Resource Conservation & Recovery Act)
- RTK (Right-To-Know)
- SARA (Superfund Amendments & Reauthorization Act)
- TSCA (Toxic Substances Control Act)
- TSL (Toxic Substance List)
- TLV (Threshold Limit Value)
- WHMIS (Workplace Hazardous Materials Information System-Canada)
- IRL50 (Inhibitory loading rate required to reduce algal growth rate by 50%)
- IL50 (Inhibitory loading rate required to reduce area under growth curve or biomass by 50%)
- ppm (parts per million)
- mg/m3 (milligrams per cubic meter)
- N (no)
- Y (yes)

<table>
<thead>
<tr>
<th>NFPA Hazard Rating</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 Slight</td>
<td>1 Slight</td>
<td>0 Least</td>
</tr>
</tbody>
</table>

Prepared By: Juan Parker  
Phone: (318) 524-1100

This MSDS complies with OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200 and conforms to ANSI Z 400.1 16-Section Format.

Disclaimer: Omni Specialty Packaging believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No warranty, expressed or implied, is given.

NOTE: OSHA’s Hazard Communication Standard (29 CFR 1910.1200) does not require the information requested in Sections 11, 12, 13, 4, 15, and 16 for MSDSs. If your company chooses not to fill in these sections, you may wish to enter something (like N/R for “not regulated” or N/A for “not applicable”) to indicate that the field is purposely being left blank.