MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: PEAK® PERFORMANCE FULL SYNTHETIC MULTI-VEHICLE AUTOMATIC TRANSMISSION FLUID

1. CHEMICAL PRODUCT & COMPANY INFORMATION

OLD WORLD INDUSTRIES, LLC
4065 COMMERCIAL AVENUE
NORTHBOURG, ILLINOIS  60062
PHONE:  847-559-2000
EMERGENCY PHONE:  1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS#</th>
<th>% by Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly refined petroleum lubricating oil (Lubricating oil base stock)</td>
<td>Various*</td>
<td>0 - 90</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>Mixture</td>
<td>3 - 7</td>
</tr>
<tr>
<td>Methacrylate Copolymer</td>
<td>Proprietary</td>
<td>1 - 2</td>
</tr>
</tbody>
</table>

*Highly refined petroleum lubricating oil contains one or more CAS numbers listed as follows: 64741-88-4, 64742-52-5, 64742-54-7, 64742-55-8, 64742-58-1, 64742-57-0, 64742-01-4, 64742-62-7, 72623-83-7. This product may be regulated, have exposure limits or other information identified as the following: oil mist, mineral (8012-95-1).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Red fluid, petroleum odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazards:</td>
<td>Caution! May be harmful if swallowed. May irritate eyes and skin.</td>
</tr>
</tbody>
</table>

HAZARD RATING SYSTEM

NPFA: HEALTH: 0  FLAMMABILITY: 1  REACTIVITY: 0

KEY: 0 – Minimal  1 - Slight  2 - Moderate  3 – Serious  4 – Severe
**POTENTIAL HEALTH EFFECTS**

**Inhalation (Breathing):** This product is not likely to present an inhalation hazard at normal temperatures and pressures. However, when aerosolizing, misting or heating of this product, high concentrations of generated vapor or mist may irritate the respiratory tract (nose, throat and lungs).

**Eyes:** May cause irritation.

**Skin:** May cause irritation. Not likely to be absorbed through the skin in harmful amounts.

**Ingestion (Swallowing):** May be harmful if swallowed. May cause throat irritation, nausea, vomiting and diarrhea. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

**Medical Conditions Aggravated by Exposure:** Individuals with pre-existing respiratory tract (nose, throat and lungs), eye and/or skin disorders may have increased susceptibility to the effects of exposure.

**Chronic:** Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching and/or swelling (dermatitis).

**Potential Environmental Effects:** Product may be harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**4. FIRST AID MEASURES**

*Ensure physician has access to this MSDS.*

**TREATMENT**

**Routes of Entry:** Eyes, Skin, Ingestion, Inhalation

**Eyes:** If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart for fifteen (15) minutes. Get medical attention.

**Skin:** Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. If product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

**Ingestion:** Do NOT induce vomiting. Immediately get medical attention. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by the mouth.

**Notes to Physician:** Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident.
5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION HAZARD DATA

Flammable Properties:  
- Flash Point: 248° F (120° C) (minimum)
- Method Used: Closed Cup Pensky - Martens

Flammability Limits:  
- LEL: Not available
- UEL: Not available

Autoignition Temperature: Not available

Hazardous Combustion Products: Decomposition and combustion materials may be toxic. Burning may produce sulfur oxides, aldehydes, ketones, carbon monoxide and unidentified organic compounds.

Conditions of Flammability: Sparks or flame. Product may burn but does not ignite readily.

Extinguishing Media: Carbon dioxide, regular foam, dry chemical, water spray or water fog. Water or foam may cause frothing.

Fire Fighting Instructions: Keep storage containers cool with water spray.

Protective Equipment For Fire Fighters: A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

Fire and Explosion Hazards: Heated containers may rupture. “Empty” containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

6. ACCIDENTAL RELEASE MEASURES

Protect People: Wear protective equipment and provide engineering controls as specified in Section 8: Exposure Controls/Personal Protection. Do not touch or walk through spilled product. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist.

Protect the Environment: Remove all ignition sources. Stop leak if you can do it without risk. Isolate hazard area. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery or absorb with compatible sorbent material and shovel with a clean spark-proof tool into a sealable container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

7. HANDLING AND STORAGE

Handling: Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. This product has a low vapor pressure and is not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting or heating this product, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing and shoes.
Shipping and Storage: Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill or grind containers. Keep containers away from flame, sparks, static electricity or other sources of ignition. Empty product containers may retain residue and can be dangerous.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: Highly Refined Petroleum Lubricating Oil

<table>
<thead>
<tr>
<th>ACGIH:</th>
<th>5mg/m³ TWA (sampled by method that does not collect vapor) (related to oil mist, mineral)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 mg/m³ STEL (sampled by method that does not collect vapor) (related to oil mist, mineral)</td>
</tr>
<tr>
<td>OSHA Final:</td>
<td>5 mg/m³ TWA (related to oil mist, mineral)</td>
</tr>
<tr>
<td>OSHA Vacated:</td>
<td>5 mg/m³ TWA (related to oil mist, mineral)</td>
</tr>
<tr>
<td>NIOSH:</td>
<td>5 mg/m³ TWA (related to oil mist, mineral)</td>
</tr>
<tr>
<td></td>
<td>10 mg/m³ STEL (related to oil mist, mineral)</td>
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Mineral Oil

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Respiratory Protection: No respiratory protection is normally required. Use NIOSH-certified P- or R-series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4. Consult a qualified industrial hygienist or safety professional for respirator selection guidance.

Skin Protection: Where skin contact is likely, wear neoprene, nitrile or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended. When product is heated and skin contact is likely, wear heat-insulating gloves, boots and other protective clothing. To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant face shield, boots, apron, coveralls, long sleeve shirts or other protective clothing.

Eye Protection: Where eye contact is likely, wear safety glasses; contact lens use is not recommended.

Personal Hygiene: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking or using tobacco products. Clean affected clothing, shoes and protective equipment before reuse. Discard leather articles, such as shoes, saturated with these products.

Other Protective Equipment: Where spills and splashes are likely, facilities storing or using these products should be equipped with emergency eyewash and shower, both equipped with clean water, in the immediate work area.

Engineering Controls: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below applicable exposure limits.
9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not available
Freeze Point: Not available
Specific Gravity (Water =1): 0.845 (estimated) (water=1) (approximately)
Vapor Pressure (mm of Hg): Less than 0.1 mm Hg at 68° F (20°C)
Vapor Density (Air=1): > 1 (Air=1)
Relative Density: 0.845 g/cm³ at 60° F (15.5° C)
Water Solubility: Insoluble
Appearance: Red liquid
Odor: Petroleum odor
Evaporation Rate: Not available
Flash Point: 248° F (120° C) (minimum) Closed Cup Pensky - Martens
pH: Not applicable

10. STABILITY & REACTIVITY DATA

Stability: Stable under normal temperatures and pressures
Conditions to Avoid: Avoid sparks and open flame.
Incompatibility (Materials to Avoid): Avoid oxidizing agents and reducing agents.
Hazardous Decomposition Products: None under normal temperatures and pressures. Also see Section 5: Hazardous Combustion Products.
Hazardous Polymerization: Polymerization is not known to occur under normal temperatures and pressures.
Reactivity: Not reactive with water.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Skin, eyes, ingestion and inhalation
Lowest Known LD50 (Oral): Mineral Oil: > 5,000 mg/kg (rat)
Lowest Known LD50 (Skin): Mineral Oil: > 5,000 mg/kg (rabbit)
Skin: May cause irritation.
Ingestion: May be harmful if swallowed.
Carcinogenicity: Based on best current information, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1, Group 2A, or Group 2B agents as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.
Mutagenicity (The Effects On Genetic Material): Experimental evidence suggests that this product does not cause mutagenesis.
**Acute Effects:** May be harmful if swallowed. May irritate eyes and skin. May cause throat irritation, nausea, vomiting and diarrhea. Aspiration hazard: breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

**Repeated Dose Effects:** Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching and/or swelling (dermatitis).

**Sensitization:** Based on current information, there is no known human sensitization associated with this product.

**Reproductive Toxicity:** Based on current information, there is no known reproductive toxicity associated with this product.

**Teratogenicity:** Based on current information, there is no known teratogenicity associated with this product.

**Neurotoxicity:** High vapor / aerosol concentrations (attainable only at elevated temperatures) may cause central nervous system effects such as dizziness, drowsiness or headaches.

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**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL FATE**

**Movement & Partitioning:** Base oil component(s) – low solubility and floats; expected to migrate from water to the land.

**Degradation & Transformation:** Not readily biodegradable

**Bioaccumulative Potential:** No information available for the product.

**Ecotoxicology:** Material expected to be harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

**Volatile Organic Compounds:** Negligible

**Octanol/Water Partition Coefficient:** Not available

**Aquatic Release:** Advise authorities if product has entered or may enter watercourses or sewer drains.

**Other Adverse Effects:** Not available

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**13. DISPOSAL CONSIDERATIONS**

**Disposal:** Dispose in accordance with federal, state, provincial and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.

**U.S. EPA Waste Codes:** This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, it must be managed in accordance with 40 CFR Part 279. Processing, use or contamination by user may change the waste code(s) applicable to the disposal of this product.
14. TRANSPORT INFORMATION

U.S. Department Of Transportation (DOT): Not regulated as a hazardous material for land transport.

Transportation Of Dangerous Goods (Canada): Not regulated as a dangerous good for land transport.

ICAO/IATA: None listed

IMDG: None listed


15. REGULATORY INFORMATION

Toxic Substances Control Act (United States): All components listed in Section 3 are listed on or are exempted from the requirements.

CERCLA: This product contains a component that list the following hazardous substances listed pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) iin 40 CFR Part 302, Table 302.4: RQ (Reportable Quantity): Ethylene Oxide: 10 LBS (4.54 kg) Ethyl Acrylate: 1,000 LBS (454 kg)

SARA Title III:

Section 311/312 - Categories: This product poses the following health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of Sections 311 and 312 of Title III of Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard No
Delayed (Chronic) Health Hazard No
Physical Fire No
Physical Sudden Release of Pressure No
Physical Reactive No

Section 313 - Emission Reporting: This product contains the following chemical(s) subject to the supplier notification requirements of the SARA 313 Toxic Release Program: None

Section 302 - Extremely Hazardous Substances; Section 304: Based on the ingredients listed in Section 3, this product does not contain any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product contains a component that list the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm: 2-Propenoic Acid, Ethyl Ester, Ethylene Oxide.
16. OTHER INFORMATION

Contact: Thomas Cholke

Phone: (847) 559-2225

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