1. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: Hyprez OS Lubricant Type IV
FORMULATION: 4634
CHEMICAL FAMILY: Petroleum Distillate
PRODUCT DESCRIPTION: Thin fluid, mild odor
SUPPLIER: Engis Corporation
          Phone: (847) 808-9400
          105 W. Hintz Road
          Fax: (847) 808-9430
          Wheeling, IL  60090  USA
                  Emergency:  1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Flammable Liquid; Category 4
GHS LABEL ELEMENTS: Symbol - None
                      Signal Word - Warning
                      Hazard Risk Statement - Combustible Liquid

HEALTH HAZARD:
  Skin: Mild irritation. Repeated contact may cause dermatitis.
  Eyes: Vapor is irritating to the eyes. Liquid may cause moderate irritation, redness, tearing.
  Inhalation: Drowsiness, dizziness, nasal and respiratory irritation.
  Ingestion: Harmful. May cause lung damage if swallowed (chemical pneumonia).

PHYSICAL/CHEMICAL HAZARD: Empty containers may contain residues which can cause an incendiary discharge.

FIRE AND EXPLOSION HAZARD: Moderate hazard. Product can release vapors to form flammable mixtures at temperatures at or above the Flashpoint.

ENVIRONMENTAL HAZARD: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

IF PRESENT, IARC, NTP, AND OSHA CARCINOGENS AND CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313 ARE IDENTIFIED IN THIS SECTION.

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS. NO.</th>
<th>% (WT.)</th>
<th>PEL (TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Naphtha</td>
<td>64742-48-9</td>
<td>60-100</td>
<td>300 PPM</td>
</tr>
</tbody>
</table>

THE INFORMATION AND RECOMMENDATIONS HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE. ENGIS CORP., HOWEVER, MAKES NO WARRANTY AS TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS AS TO YOUR OPERATIONS AND ASSUMES NO LIABILITY TO ANY USER THEREOF.
4. FIRST AID MEASURES

SKIN CONTACT: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

EYES: Flush thoroughly with water until irritation subsides, lifting upper and lower lids to facilitate cleansing. If irritation persists, seek medical assistance.

INHALATION: Remove individual to fresh air. If breathing is difficult, administer oxygen and seek medical attention.

INGESTION: Do not induce vomiting. Keep person at rest and seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Use water spray to cool surfaces exposed to fire to disperse vapors and to protect personnel attempting to stop any leakage. Extinguish the fire with foam, dry chemical or carbon dioxide.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, various oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

- Eliminate source of ignition
- Prevent liquid from entering sewers, water courses or low areas
- Keep personnel/public away. If possible, shut off source of release without further hazard
- Advise authorities if liquid has entered sewers, water courses or has contaminated soil.
- Contain spilled liquid with absorbent material
- Take up absorbed material and place into suitable containers for disposal
- Consult an expert on disposal of recovered material to ensure conformity to local regulations

7. HANDLING & STORAGE

STORAGE TEMPERATURE: Ambient
TRANSPORT TEMPERATURE: Ambient
STORAGE PRESSURE: Atmospheric

ELECTROSTATIC ACCUMULATION HAZARD: Yes. Use proper grounding procedures for bulk storage.

MATERIALS/COATINGS COMPATIBILITY: Glass, carbon steel, stainless steel, polyethylene, polypropylene, polyester

MATERIALS/COATINGS UNSUITABLE: Strong oxidizing agents (acids), natural rubber, butyl rubber, EPDM, polystyrene. Testing for compatibility with specific plastic materials is recommended.

GENERAL NOTES: Keep container closed. Store in well ventilated area away from incompatible materials. Do not expose liquid or vapors to open flame, heat or sources or ignition. Empty product containers may contain residues (liquid, vapor). Do not re-use empty containers without adequate cleaning.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limit (OEL): 300 ppm for Petroleum Hydrocarbon component.

For open systems (liquid or spray) where contact is likely, wear safety glasses with side shields, long sleeves and plastic protective gloves. Provide sufficient local exhaust and general ventilation to maintain exposure below OEL, especially for spraying operations producing mists. Where concentrations in air may exceed the OEL and the engineering practices are not adequate to accomplish exposure reduction, approved respirators may be necessary to prevent overexposure by inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICAL STATE</td>
<td>Thin Fluid</td>
</tr>
<tr>
<td>FLASHPOINT</td>
<td>147°F (64°C)</td>
</tr>
<tr>
<td>ODOR</td>
<td>Mild, Characteristic</td>
</tr>
<tr>
<td>AUTOIGNITION TEMP</td>
<td>&gt;500°F (260°C)</td>
</tr>
<tr>
<td>FREEZING POINT</td>
<td>Not determined</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>~ 2.8 cps</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>365°F (240°C)</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than water</td>
</tr>
<tr>
<td>PERCENT VOLATILE</td>
<td>95%</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Dispersible</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.8 gm/cc</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than air</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stable at normal temperatures and pressure. Hazardous polymerization will not occur. Not reactive at normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN</td>
<td>Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis.</td>
</tr>
<tr>
<td>EYES</td>
<td>Irritating, but does not injure eye tissue.</td>
</tr>
<tr>
<td>INHALATION</td>
<td>Vapor concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.</td>
</tr>
<tr>
<td>INGESTION</td>
<td>Nausea, vomiting. Small amounts of liquids aspirated into respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Not Available
13. DISPOSAL CONSIDERATIONS

Care should be taken to ensure compliance with EC, National and Local Regulations. This product is not suitable for disposal by landfill, municipal sewers, drains, natural streams or rivers. Waste product must be disposed of via an authorized waste disposal company in accordance with Local and National Waste Disposal Regulations.

14. TRANSPORT INFORMATION

UN NUMBER: None  EMS: None  I.M.D.G.: None  None
PACKING GROUP: None  M.F.A.G.: None  MARINE POLLUTANT: No
CAS NUMBER: 064742-47-8  TRANS CAT: None  EMERGENCY ACTION CODE: 3(Z)
ICAO/IATA: None  KEMLER CODE: None
TREM CARD: None

15. REGULATORY INFORMATION

CARRIAGE: Low Hazard
CLASSIFICATION: Harmful
SYMBOL: Xn
RISK PHRASE: R65 Harmful: May cause lung damage if swallowed.
SAFETY PHRASE: S24/25 Avoid contact with skin and eyes.
S37 Wear suitable gloves.
S51 Use only in well ventilated areas.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show the container and label.

IARC, NTP, OSHA CARCINOGENS: N/A
SARA TITLE III SECTION 313 TOXIC RELEASE INVENTORY (TRI) CHEMICALS: N/A

16. OTHER INFORMATION

NFPA CODES: Flammability: 1  HEALTH: 1  REACTIVITY: 0