Section 1 – Chemical Product and Company Identification

**Product Name** : Power Transmission oil C4 SAE 30  
**Product Type** : Transmission oil  
**Company Contact** : Phone Number : +91-22-27694756.  
Fax Number : +91-22-27602692  
**EMERGENCY TELEPHONE NUMBERS** : Apar Industries Limited : +91-(0)-9324672241

Section 2 – Composition And Information On Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percentage</th>
<th>Hazardous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillate, Severely Hydrotreated Heavy Paraffinic oil</td>
<td>64742-54-7, 64742-65-0</td>
<td>93.00</td>
<td>No</td>
</tr>
<tr>
<td>Petroleum additives</td>
<td>Mixtures</td>
<td>7.00</td>
<td>No</td>
</tr>
</tbody>
</table>

HAZARDOUS COMPONENT(S) : ZINC ALKALDITHIOPHOSPHATE 1.5 % WT MAX (EINECS 272-028-3; Xi, N; R 38-41-51/53)  
No

Section 3 – Hazardous Identification

**Primary Entry Route** : Skin  
**Inhalation** : Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea. Target Organ for mineral oil mist is lungs.  
**Eye** : Eye contact may result in slight irritation and redness.  
**Skin** : Short term contact with skin is unlikely to cause any problems; excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, oil acne, cracking and defatting of the skin. Personnel with pre-existing skin disorders should avoid contact with this product.  
**Ingestion** : May result in nausea or stomach discomfort.

Section 4 – First Aid Measures

**Eye Contact** : Flush eyes immediately with plenty of water 15 minutes or until irritation. If redness persists, seek medical help.  
**Skin Contact** : Wash thoroughly with soap and water. Remove contaminated clothing. Reuse only after cleaning.  
**Inhalation** : Remove to fresh air. Assist breathing if necessary. Seek medical help.  
**Aspiration** : If there is any suspicion of aspiration into the lungs obtain medical advise.  
**Ingestion** : If swallowed, observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do not induce vomiting.

Section 5 – Fire –Fighting Measures

**Flash Point** : >210°C  
**Auto ignition Temperature** : NA  
**Lower Explosive Level (LEL)** : Not determined  
**Upper Explosive Limit (UEL)** : Not determined  
**Flammability Classification** : OSHA Class III-B Combustible Liquid  
**Extinguishing Media** : Dry Chemical Powder, Foam, CO2 and water or fog. Water may be used to cool below flash point.  
**Unusual Fire or Explosion Hazards** : Do not use forced stream as this could cause fire to spread. Combustion Products: Fumes, Smoke, and Carbon monoxide.  
**Fire-fighting Instruction and Equipment** : Use waste to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).
Section 6 - Accidental release Measures

Spill / Leak Procedures: Stop spill at source if possible without risk. Contain spill. Eliminate sources of ignition. Spill area will be slick. Recover all possible material for reclamation. Use non-flammable absorbent material to pick up remainder of spill.

Spill to navigable Waters: If this material is spilled into navigable waters and creates a visible sheen, it is reportable to Local Response Centre.

Section 7 – Handling and Storage.

Handling and storage Precautions: Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. NFPA Class IIIB storage. Wash thoroughly after handling.

Work / Hygienic Practices: Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take shower after work if general contact occurs. Remove oil-soaked and launder before reuse. Discard contaminated shoes and leather gloves.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposures limits.

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

Skin Protection: Avoid prolonged and or repeated skin contact. If prolonged contact cannot be avoided, wear protective gloves (solvent resistant gloves) and clothing.

Respiratory Protection: Normally not required. Respirator should be used in areas where vapor concentration are excessive due to high temperatures or where oil misting occurs.

Section 9 – Physical and Chemical Properties

Appearance: Clear liquid.
Odor: Mild petroleum odor.
Specific Gravity: 0.84 – 0.89
(Solubility in water): Negligible
Water =1
pH: Not applicable.
Boiling Point: > 300°C
Melting Point: Not applicable
% Volatiles by volume @ 21°C (70°F): Nil
Vapor Pressure (mm Hg) <0.1mm Hg at 25°C
Vapor Density (Air = 1): >10
Evaporation Rate: Not applicable.

Section 10 – Stability and reactivity

Stability: Stable under ordinary conditions of use and storage.
Polymerization: Polymerization will not occur.
Chemical Incompatibilities: Strong oxidizers.
Condition to Avoid: Source of ignition
Hazardous Decomposition Products: Combustion may produce carbon monoxide and carbon dioxide.

Section 11 – Toxicological Information

Eyes Effects: Minimal irritation on contact.
Skin Effects: Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.
Acute Oral Effects: Tests on similar material indicate low order of acute oral toxicity.
Acute Inhalation Effects: Low acute toxicity expected on inhalation.
Section 12 – Ecological Information

Environmental Fate : No information found.
Environmental Toxicity : No information found.

Section 13 – Disposal Considerations

Follow National, State and Local regulations. Not a RCRA hazardous waste if uncontaminated. If “used”, RCRA criteria must be determined. Do not flush to drain/storm sewer. If permitted incineration may be practical. Consider recycling.

Section 14 – Transport Information

DOT Shipping Label : Not regulated by DOT

Section 15 – Regulatory Information

CERCLA/SARA :
302/303/304 categories : Extremely hazardous substances : None
311/312 categories : Immediate (acute) Health Effects : No
                    Delayed (chronic) health effects : No
                    Fire Hazards : No
313 categories : Toxic Chemicals (40 cFR 372) : None
Clean Air act : Hazardous Air Pollutants (HAPS) : None
OSHA (29CFR 1910) : This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200
EPA/TSCA Inventory : The components of this product are listed on the EPA/TSCA inventory of chemicals CAS No: 64742-54-7
Foreign Inventories : The components of this product are listed under the following inventories:
                     EUROPEAN UNION’S EINICS No. 265-157-1
                     Australia’s ACS No. 64742-54-7

Section 16 – Other Information

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<th>Hazard Rating</th>
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<td>Health = 1</td>
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<td>1 = Slight</td>
<td>Fire = 1</td>
</tr>
<tr>
<td>2 = Moderate</td>
<td>Reactivity = 0</td>
</tr>
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<td>4 = Extreme</td>
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Prepared By : SHE Department.
Revision Information : Date of preparation : 14th September 2010
Rev:02

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Ozone depleting Compounds (ODC): None
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3 = High 4 = Extreme

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Fire = 1
Reactivity = 0

Prepared By: SHE Department.
Revision Information: Date of preparation: 14th September 2010
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