



| Section 1 – Chemical Product and Company Identification | | | |
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| Product Name | : POWER OIL TRANSFORMER OIL 1020 BS | | |
| Chemical Family | : Petroleum Distillate. | | |
| Chemical Formula | : Not Applicable | | |
| CAS Number | : 64742 - 53 - 6 | | |
| Manufacturer | : Apar Industries Limited, 18 T.T.C M.I.D.C Indl. Area , Rabale , Navi Mumbai, Thane Belapur Road , Thane – 400701. India. | | |
| Company Contact | : Phone Number : + 91 - 22 - 27694756 / 27694757 Fax Number : + 91 - 22 - 27602692 | | |
| EMERGENCY TELEPHONE NUMBER | : Apar Industries Limited : + 91 - 0 - 9833811132 | | |
| Section 2 - Composition And Information On Hazardous Ingredients | | | |
| Ingredient | CAS Number | Percentage | Hazardous |
| Severely Hydrotreated Light Naphthenic Petroleum Oil. | 64742 - 53 - 6 | 100 | No |
| Section 3 - Hazardous Identification | | | |
| Potential Health Effects | | | |
| 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 many 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 wand 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 induce vomiting. | | | |
| Section 5 - Fire Fighting Measures | | | |
| Flash Point | : > 140 °C , | Flash Point Method : COC | |
| Auto ignition Temperature | : > 315°C | | |
| 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, CO ₂ 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 | |
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| 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 can not 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, pale straw to yellow, Heavy liquid |
| Odor | : Mild petroleum odor. Solubility in water : Negligible . |
| Specific Gravity (Water =1) | : 0.81 – 0.89 pH : Not applicable. |
| % Volatiles by volume @ 21°C (70°F) | : Nil Boiling Point : > 271°C |
| Melting Point | : Not applicable Vapor Density (Air = 1) : > 5 |
| Vapor Pressure (mm Hg) | : 0.0059 mm Hg at 100°F |
| 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. |



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| 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 Ozone depleting Compounds (ODC) : None 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: 64742-53-6 |
| Foreign Inventories | : The components of this product are listed under the following inventories : CANADA (DSL No.: 64742-53-6 European Union’s EINICS No. 265-156-6 Koreas’a ECL No. KE-12552 Australia’s ACS No. 64742-53-6 Philippines’PICCS-on list |
| Section 16 - Other Information | |
| Hazard Rating | NFPA/HMIS Classification |
| 0 = Least 1 = Slight 2 = Moderate | Health = 1 |
| 3 = High 4 = Extreme | Fire = 1 |
| | Reactivity = 0 |
| Prepared By : SHE Department , Apar Industries Limited. | |
| Date of Revision : 12 th July , 2008. | Revision Number : 03 |

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