



| Section 1 – Chemical Product and Company Identification | | | |
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| Product Name | : LIGHT MINERAL OIL - USP | | |
| Chemical Family | : Petroleum Distillate | | |
| Chemical Formula | : Severely Hydrotreated Paraffinic Distillate. | | |
| CAS Number | : 8042-47-5 | | |
| Company Details | : 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 . | | |
| EMERGENCY TELEPHONE NUMBER | : Apar Industries Limited : + 91- 0 - 9833811132 | | |
| Section –2 Composition And Information On Hazardous Ingredients | | | |
| Ingredient | CAS Number | Percentage | Hazardous |
| Severely Hydrotreated Paraffinic Petroleum Mineral Oil. | 8042- 47 - 5 | 99.999 | No |
| Inhibitor | 10191- 41- 0 | 0.001 | 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 : >150°C , COC (Method) | | | |
| 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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| <p>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.</p> <p>Spill to navigable Waters : If this material is spilled into navigable waters and creates a visible sheen, it is reportable to Local Response Centre.</p> | |
| Section 7 – Handling and Storage. | |
| <p>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.</p> <p>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.</p> | |
| Section 8 – Exposure Controls / Personal Protection | |
| <p>Engineering Controls : Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposures limits.</p> <p>Eye / Face Protection : Safety glasses or face shield where splashing is possible.</p> <p>Skin Protection : Avoid prolonged and or repeated skin contact. If prolonged contact can not be avoided, wear protective gloves (solvent resistant gloves) and clothing..</p> <p>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.</p> | |
| Section 9 – Physical and Chemical Properties | |
| <p>Appearance : Clear & bright Heavy liquid</p> <p>Odor : Mild petroleum odor.</p> <p>Specific Gravity : 0.818 to 0.88 (Water =1)</p> <p>% Volatiles by volume @ 21°C (70°F) : Nil</p> <p>Melting Point : Not applicable</p> <p>Vapor Pressure (mm Hg) : 0.0059 mm Hg at 100°F</p> <p>Evaporation Rate : Not applicable.</p> | <p>Solubility in water : Negligible .</p> <p>pH : Not applicable.</p> <p>Boiling Point : > 271°C</p> <p>Vapor Density (Air = 1) : > 5</p> |
| Section 10 – Stability and reactivity | |
| <p>Stability : Stable under ordinary conditions of use and storage.</p> <p>Polymerization : Polymerization will not occur.</p> <p>Chemical Incompatibilities : Strong oxidizers.</p> <p>Condition to Avoid : Source of ignition</p> <p>Hazardous Decomposition Products : Combustion may produce carbon monoxide and carbon dioxide.</p> | |
| Section 11 – Toxicological Information | |
| <p>Eyes Effects : Minimal irritation on contact.</p> <p>Skin Effects : Practically non – toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.</p> <p>Acute Oral Effects : Tests on similar material indicate low order of acute oral toxicity.</p> <p>Acute Inhalation Effects : Low acute toxicity expected on inhalation.</p> | |



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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 |
| 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: 8042- 47 - 5 |
| Foreign Inventories | : The components of this product are listed under the following inventories : CANADA DSL No.: 8042- 47 - 5 European Union’s EINICS No. 232 - 455 - 8 Korea’s ECL No. KE – 35412 Taiwan’s CNS No. 13954 Australia’s ACS No. 8042 - 47 - 5 Philippine ‘s PICCS - on list |
| Section 16 - Other Information | |
| <u>Hazard Rating</u> | <u>NFPA/HMIS Classification</u> |
| 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme | Health = 0 Fire = 1 Reactivity = 0 |
| Prepared By | : SHE Department , Apar Industries Limited. |
| Date of Revision | : 12 th May , 2009. |
| | Revision Number : 06 |

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