



<b>Section 1 – Chemical Product and Company Identification</b>			
<b>Product Name</b>	: 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 / 57 .		
<b>EMERGENCY TELEPHONE NUMBER</b> : Apar Industries Limited : + 91- 0 - 9833811132			
<b>Section –2 Composition And Information On Hazardous Ingredients</b>			
Ingredient	CAS Number	Percentage	Hazardous
Severely Hydrotreated Paraffinic Petroleum Oil.	8042 - 47- 5	99.999	No
Inhibitor	10191- 41- 0	0.001	No
<b>Section –3 Hazardous Identification</b>			
<b>Potential Health Effects</b>			
<b>Primary Entry Route</b> : Skin			
<b>Inhalation</b> : 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.			
<b>Eye</b> : Eye contact may result in slight irritation and redness.			
<b>Skin</b> : 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.			
<b>Ingestion</b> : May result in nausea or stomach discomfort.			
<b>Section 4 – First Aid Measures</b>			
<b>Eye Contact</b> : Flush eyes immediately with plenty of water 15 minutes or until irritation. If redness persists, seek medical help.			
<b>Skin Contact</b> : Wash thoroughly with soap wand water. Remove contaminated clothing . Reuse only after cleaning.			
<b>Inhalation</b> : Remove to fresh air. Assist breathing if necessary . Seek medical help.			
<b>Aspiration</b> : If there is any suspicion of aspiration into the lungs obtain medical advise.			
<b>Ingestion</b> : If swallowed , observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do induce vomiting.			
<b>Section 5 – Fire Fighting Measures</b>			
<b>Flash Point</b> : > 190°C , COC (Method)			
<b>Auto ignition Temperature</b> : > 315°C			
<b>Lower Explosive Level (LEL)</b> : Not determined <b>Upper Explosive Limit ( UEL)</b> : Not determined			
<b>Flammability Classification</b> : OSHA Class III-B Combustible Liquid			
<b>Extinguishing Media</b> : Dry Chemical Powder, Foam, CO <sub>2</sub> and water or fog. Water may be used to cool below flash point.			
<b>Unusual Fire or Explosion Hazards</b> : Do not use forced stream as this could cause fire to spread.			
<b>Combustion Products</b> : Fumes, Smoke, and Carbon monoxide.			
<b>Fire-fighting Instruction and Equipment</b> : 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 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 & bright Heavy liquid

**Odor :** Mild petroleum odor.

**Specific Gravity :** 0.845 to 0.905  
(Water =1 )

**% Volatiles by volume @ 21°C (70°F) :** Nil

**Melting Point :** Not applicable

**Vapor Pressure (mm Hg) :** 0.0059 mm Hg at 100°F

**Evaporation Rate :** Not applicable.

**Solubility in water :** Negligible .

**pH :** Not applicable.

**Boiling Point :** > 271°C

**Vapor Density (Air = 1) :** > 5

### 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.



<b>Section 12 - Ecological Information</b>	
<b>Environmental Fate</b>	: No information found.
<b>Environmental Toxicity</b>	: No information found.
<b>Section 13 - Disposal Considerations</b>	
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.	
<b>Section 14 - Transport Information</b>	
<b>DOT Shipping Label</b>	: Not regulated by DOT
<b>Section 15 - Regulatory Information</b>	
<b>CERCLA/SARA :</b>	
<b>302/303/304 categories</b>	: Extremely hazardous substances : None
<b>311/312 categories</b>	: Immediate(acute) Health Effects : No Delayed (chronic) health effects : No Fire Hazards : No
<b>313 categories</b>	: Toxic Chemicals (40 cFR 372) : None
<b>Clean Air act</b>	: Hazardous Air Pollutants (HAPS) : None Ozone depleting Compounds (ODC) : None
<b>OSHA (29CFR 1910)</b>	: This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200
<b>EPA/TSCA Inventory</b>	: The components of this product are listed on the EPA/TSCA inventory of chemicals CAS No: 8042 - 47 - 5
<b>Foreign Inventories</b>	: The components of this product are listed under the following inventories : <b>CANADA DSL No.: 8042 - 47 - 5</b> <b>European Union’s EINICS No. 232 - 455 - 8</b> <b>Korea’s ECL No. KE – 35412</b> Taiwan’s CNS No.- 13954 <b>Australia’s ACS No. 8042 - 47 - 5</b> <b>Philippine’s PICCS - on list</b>
<b>Section 16 - Other Information</b>	
<b>Hazard Rating</b>	<b>NFPA/HMIS Classification</b>
0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Health = 0 Fire = 1 Reactivity = 0
<b>Prepared By : SHE Department , Apar Industries Limited.</b>	
<b>Date of Revision : 12<sup>th</sup> May , 2009.</b>	<b>Revision Number : 06</b>

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