



<b>Section 1 – Chemical Product and Company Identification</b>			
<b>Product Name</b>	: <b>POWEROIL TRANSFORMER OIL 20</b>		
<b>Chemical Family</b>	: Petroleum Distillate.		
<b>Chemical Formula</b>	: Not Applicable		
<b>CAS Number</b>	: 64742 - 55 - 8		
<b>Company Details</b>	: Apar Industries Limited, 18 T.T.C M.I.D.C Indl. Area , Rabale , Navi Mumbai, Thane Belapur Road , Thane – 400701. India.		
<b>Company Contact</b>	: Phone Number : + 91 - 22 - 27694756 / 27694757 Fax Number : + 91 - 22 - 27602692		
<b>EMERGENCY TELEPHONE NUMBER</b>	: Apar Industries Limited : + 91 - 0 - 9833811132		
<b>Section 2 - Composition And Information On Hazardous Ingredients</b>			
<b>Ingredient</b>	<b>CAS Number</b>	<b>Percentage</b>	<b>Hazardous</b>
Severely Hydrotreated Light Paraffinic Petroleum Oil.	64742 - 55 - 8	100	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>	: > 140 °C ,	<b>Flash Point Method</b> : COC	
<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).		



<b>Section 6 - Accidental release Measures</b>	
<b>Spill / Leak Procedures</b>	: 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.
<b>Spill to navigable Waters</b>	: If this material is spilled into navigable waters and creates a visible sheen, it is reportable to Local Response Centre.
<b>Section 7 - Handling and Storage</b>	
<b>Handling and storage Precautions</b>	: 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.
<b>Work / Hygienic Practices</b>	: 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.
<b>Section 8 - Exposure Controls / Personal Protection</b>	
<b>Engineering Controls</b>	: Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposures limits.
<b>Eye / Face Protection</b>	: Safety glasses or face shield where splashing is possible.
<b>Skin Protection</b>	: Avoid prolonged and or repeated skin contact. If prolonged contact can not be avoided, wear protective gloves ( solvent resistant gloves) and clothing..
<b>Respiratory Protection</b>	: Normally not required. Respirator should be used in areas where vapor concentration are excessive due to high temperatures or where oil misting occurs.
<b>Section 9 - Physical and Chemical Properties</b>	
<b>Appearance</b>	: Clear, pale straw to yellow, Heavy liquid
<b>Odor</b>	: Mild petroleum odor.
<b>Specific Gravity</b> (Water =1 )	: 0.81 – 0.89
<b>% Volatiles by volume @ 21°C (70°F)</b>	: Nil
<b>Melting Point</b>	: Not applicable
<b>Vapor Pressure (mm Hg)</b>	: 0.0059 mm Hg at 100°F
<b>Evaporation Rate</b>	: Not applicable.
<b>Solubility in water</b>	: Negligible .
<b>pH</b>	: Not applicable.
<b>Boiling Point</b>	: > 271°C
<b>Vapor Density (Air = 1)</b>	: > 5
<b>Section 10 - Stability and reactivity</b>	
<b>Stability</b>	: Stable under ordinary conditions of use and storage.
<b>Polymerization</b>	: Polymerization will not occur.
<b>Chemical Incompatibilities</b>	: Strong oxidizers.
<b>Condition to Avoid</b>	: Source of ignition
<b>Hazardous Decomposition Products</b>	: Combustion may produce carbon monoxide and carbon dioxide.
<b>Section 11 - Toxicological Information</b>	
<b>Eyes Effects</b>	: Minimal irritation on contact.
<b>Skin Effects</b>	: Practically non – toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.
<b>Acute Oral Effects</b>	: Tests on similar material indicate low order of acute oral toxicity.
<b>Acute Inhalation Effects</b>	: 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
	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: 64742 - 55 - 8
<b>Foreign Inventories</b>	: The components of this product are listed under the following inventories :
	<b>CANADA DSL No.: 64742 - 55 - 8</b>
	<b>European Union’s EINICS No. 265 - 158 - 7</b>
	<b>Koreas’a ECL No. KE - 12552</b>
	<b>Australia’s ACS No. 64742 - 55 - 8</b>
	<b>Philippines’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	Health = 1
3 = High 4 = Extreme	Fire = 1
	Reactivity = 0
<b>Prepared By</b>	: SHE Department , Apar Industries Limited.
<b>Date of Revision</b>	: 12 <sup>th</sup> March , 2009.
	<b>Revision Number : 04</b>

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