



<b>Section 1 – Chemical Product and Company Identification</b>			
Product Name	: Power Ultimo 32.		
Product Type	: Hydraulic Oil		
Manufacturer	: Apar Industries Limited, 18 T.T.C M.I.D.C Indl. Area , Rabale , Navi Mumbai.		
Company Contact	: Phone Number : +91-22-27694756. Fax Number : +91-22-27602692		
EMERGENCY TELEPHONE NUMBERS : Apar Industries Limited : +91-(0)-9324672241			
<b>Section –2 Composition And Information On Hazardous Ingredients</b>			
Ingredient	CAS Number	Percentage	Hazardous
Distillate, Severely Hydrotreated			
Heavy Paraffinic oil	64742-54-7	99.00	No
Petroleum additives	Mixtures	8.00	No
<b>SECTION –3 HAZARDOUS IDENTIFICATION</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 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.			
<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 and 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 advice.			
<b>Ingestion</b> : If swallowed , observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do not induce vomiting.			
<b>Section 5 – Fire –Fighting Measures</b>			
<b>Flash Point</b> : >200°C		Flash Point Method : COC	
<b>Auto ignition Temperature</b> : NA			
<b>Lower Explosive Level (LEL)</b> : Not determined Upper Explosive Limit ( UEL): Not determined			
<b>Flammability Classification</b> : OSHA Class III-B Combustible Liquid			
<b>Extinguishing Media</b> : Dry Chemical Powder, Foam, CO2 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. Combustion Products: Fumes, Smoke, and Carbon monoxide.			
<b>Fire-fighting Instruction and Equipment</b> : Use water 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 liquid.

**Odor** : Mild petroleum odor.

**Solubility in water.** : Insoluble

**Specific Gravity** : 0.84 – 0.88

**pH** : Not applicable.

(Water =1 )

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

**Boiling Point** : > 300°C

**Melting Point** : Not applicable

**Vapor Density (Air = 1)** : >10

**Vapor Pressure (mm Hg)** : <0.1mm Hg at 25°C

**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.

<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>	
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) CFR 1910.1200 :	This product is not hazardous under Hazard Communication Standard 29
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 :
	CANADA (DSL No.: 64742-54-7
	European Union’s EINICS No. 265-157-1
	Australia’s ACS No. 64742-54-7
	Philippines’PICCS-on list
<b>Section 16- Other Information</b>	
<b><u>Hazard Rating</u></b>	<b><u>NFPA/HMIS Classification</u></b>
0 = Least 1 = Slight 2 = Moderate	Health = 1
3 = High 4 = Extreme	Fire = 1
	Reactivity = 0
<b>Prepared By</b> : SHE Department.	
<b>Revision Information</b> : Date of preparation : 1st January 2010	
Rev:00	

**Disclaimer :**

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<b>Section 1 – Chemical Product and Company Identification</b>			
Product Name	: Power Ultimo 46.		
Product Type	: Hydraulic Oil		
Manufacturer	: Apar Industries Limited, 18 T.T.C M.I.D.C Indl. Area , Rabale , Navi Mumbai.		
Company Contact	: Phone Number : +91-22-27694756. Fax Number : +91-22-27602692		
EMERGENCY TELEPHONE NUMBERS : Apar Industries Limited : +91-(0)-9324672241			
<b>Section –2 Composition And Information On Hazardous Ingredients</b>			
Ingredient	CAS Number	Percentage	Hazardous
Distillate, Severely Hydrotreated			
Heavy Paraffinic oil	64742-54-7	99.00	No
Petroleum additives	Mixtures	8.00	No
<b>SECTION –3 HAZARDOUS IDENTIFICATION</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 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.			
<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 and 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 advice.			
<b>Ingestion</b> : If swallowed , observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do not induce vomiting.			
<b>Section 5 – Fire –Fighting Measures</b>			
<b>Flash Point</b> : >210°C		Flash Point Method : COC	
<b>Auto ignition Temperature</b> : NA			
<b>Lower Explosive Level (LEL)</b> : Not determined Upper Explosive Limit ( UEL): Not determined			
<b>Flammability Classification</b> : OSHA Class III-B Combustible Liquid			
<b>Extinguishing Media</b> : Dry Chemical Powder, Foam, CO2 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. Combustion Products: Fumes, Smoke, and Carbon monoxide.			
<b>Fire-fighting Instruction and Equipment</b> : Use water 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 liquid.

**Odor** : Mild petroleum odor.

**Solubility in water.** : Insoluble

**Specific Gravity** : 0.84 – 0.88

**pH** : Not applicable.

(Water =1 )

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

**Boiling Point** : > 300°C

**Melting Point** : Not applicable

**Vapor Density (Air = 1)** : >10

**Vapor Pressure (mm Hg)** : <0.1mm Hg at 25°C

**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.

<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>	
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) CFR 1910.1200 :	This product is not hazardous under Hazard Communication Standard 29
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Foreign Inventories :	The components of this product are listed under the following inventories :
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	European Union’s EINICS No. 265-157-1
	Australia’s ACS No. 64742-54-7
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<b>Section 16- Other Information</b>	
<b><u>Hazard Rating</u></b>	<b><u>NFPA/HMIS Classification</u></b>
0 = Least 1 = Slight 2 = Moderate	Health = 1
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<b>Prepared By</b> : SHE Department.	
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Company Contact	: Phone Number : +91-22-27694756. Fax Number : +91-22-27602692		
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<b>Ingestion</b> : If swallowed , observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do not induce vomiting.			
<b>Section 5 – Fire –Fighting Measures</b>			
<b>Flash Point</b> : >220°C		Flash Point Method : COC	
<b>Auto ignition Temperature</b> : NA			
<b>Lower Explosive Level (LEL)</b> : Not determined Upper Explosive Limit ( UEL): Not determined			
<b>Flammability Classification</b> : OSHA Class III-B Combustible Liquid			
<b>Extinguishing Media</b> : Dry Chemical Powder, Foam, CO2 and water or fog. Water may be used to cool below flash point.			
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3 = High 4 = Extreme	Fire = 1
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<b>Prepared By</b> : SHE Department.	
<b>Revision Information</b> : Date of preparation : 1st January 2010	
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