

**Material Safety Data Sheet.**

<b>Section 1 – Chemical Product and Company Identification</b>			
<b>Product Name : LIQUID PARAFFIN PHARMA 15</b>			
Chemical Family : : White Mineral Oil			
Chemical Formula : Nat Available			
CAS Number : 8042-47-5			
<b>Section –2 Composition And Information On Hazardous Ingredients</b>			
Ingredient	CAS Number	Percentage	Hazardous
White Mineral Oil	8042-47-5	100	No
<b>Section –3 Hazardous Identification</b>			
<b>Potential Health Effects</b>			
<b>Primary Entry Route : Skin</b>			
<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> : >200°C , COC (Method)			
<b>Auto ignition Temperature</b> : >300°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>	
<p><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.</p> <p><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.</p>	
<b>Section 7 – Handling and Storage.</b>	
<p><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.</p> <p><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.</p>	
<b>Section 8 – Exposure Controls / Personal Protection</b>	
<p><b>Engineering Controls :</b> Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposures limits.</p> <p><b>Eye / Face Protection :</b> Safety glasses or face shield where splashing is possible.</p> <p><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..</p> <p><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.</p>	
<b>Section 9 – Physical and Chemical Properties</b>	
<p><b>Appearance</b> : Transparent / Water White</p> <p><b>Odor</b> : Odourless</p> <p><b>Specific Gravity</b> : 0.85 to 0.88 (Water =1 )</p> <p><b>% Volatiles by volume @ 21°C (70°F)</b> : Nil</p> <p><b>Melting Point</b> : Not applicable</p> <p><b>Vapor Pressure (mm Hg)</b> : 0.0059 mm Hg at 100°F</p> <p><b>Evaporation Rate</b> : Not applicable.</p>	<p><b>Solubility in water</b> : Insoluble.</p> <p><b>pH</b> : Not applicable.</p> <p><b>Boiling Point</b> : &gt; 280°C</p> <p><b>Vapor Density (Air = 1)</b> : &gt; 5</p>
<b>Section 10 – Stability and reactivity</b>	
<p><b>Stability</b> : Stable under ordinary conditions of use and storage.</p> <p><b>Polymerization</b> : Polymerization will not occur.</p> <p><b>Chemical Incompatibilities</b> : Strong oxidizers.</p> <p><b>Condition to Avoid</b> : Source of ignition</p> <p><b>Hazardous Decomposition Products</b> : Combustion may produce carbon monoxide and carbon dioxide.</p>	
<b>Section 11 – Toxicological Information</b>	
<p><b>Eyes Effects</b> : Minimal irritation on contact.</p> <p><b>Skin Effects</b> : Practically non – toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.</p> <p><b>Acute Oral Effects</b> : Tests on similar material indicate low order of acute oral toxicity.</p> <p><b>Acute Inhalation Effects</b> : Low acute toxicity expected on inhalation.</p>	

<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
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
<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>Koreas’a ECL No. KE-35412</b>	
<b>Australia’s ACS No. 8042-47-5</b>	
<b>Philippines’PICCS-on list</b>	
<b>Section 16- Other Information</b>	
<b><u>Hazard Rating</u></b>	<b><u>NEPA/HMIS Classification</u></b>
0 = Least 1 = Slight 2 = Moderate	Health = 0
3 = High 4 = Extreme	Fire = 1
	Reactivity = 0
<b>Prepared By SHE Department , AIL.</b>	
<b>Date of Revision : 12/05/2009.</b>	<b>Revision Number : 06</b>

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