

## MATERIAL SAFETY DATA SHEET

Released Edition : 01/01/2022

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<b>PRODUCT:</b>	<b>KPL Blue7003 ORF</b>	<b>Doc No :</b>	<b>KPL-001/MSDS</b>
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1	<b>Identification of the substance / preparation and of the company undertaking.</b>		
	<ul style="list-style-type: none"> <li>• Product details</li> <li>• <b>Trade Name:</b> KPL Blue 7003 ORF</li> <li>• <b>Application of the substance / the preparation.</b> In the manufacture of offset Ink</li> <li>• <b>Manufacturer / Supplier</b> Kesar Petroproducts Ltd Plot No. D-7/1 Lote Parshuram MIDC Tal- Khed, Dist Ratnagiri- Maharashtra 415722</li> <li>• <b>Further information obtainable from:</b> Product safety department - Contact Person : Kesar Petroproducts Ltd Dr. Parijat Kanetkar Plot No.D-7/1 Lote MIDC Ph No. +91-7777076966 Tal: Khed Dist Ratnagiri Maharashtra 415722</li> </ul>		

2	<b>Hazards Identification</b>		
	<ul style="list-style-type: none"> <li>• <b>Information concerning particular hazards for human and environment</b> Not classified.</li> </ul>		

3	<b>Composition / Information on ingredients</b>		
	<ul style="list-style-type: none"> <li>• <b>Description:</b> Pigment Blue 15:3</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>CAS No. :</b> 147 - 14 - 8</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>Chemical Formula :</b> C<sub>32</sub> H<sub>16</sub> N<sub>8</sub> Cu</li> </ul>		

4	<b>First-aid measures</b>		
	<ul style="list-style-type: none"> <li>• <b>After Inhalation:</b> Supply fresh air.</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>After Skin contact:</b> Immediately wash with water and soap and rinse thoroughly</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>After eye contact:</b> Rinse opened eye for several minutes under running water.</li> </ul>		

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<b>5</b>	<b>Fire fighting measures</b>
	<ul style="list-style-type: none"> <li>• <b>Extinguishing Media :</b> Water / CO2 / Form</li> <li>• <b>Special Fire Fighting Procedure</b></li> </ul> <p>Use self contained breathing apparatus and full protective equipments.</p>
<b>6</b>	<b>Accidental release measures</b>
	<ul style="list-style-type: none"> <li>• <b>Person-related safety precautions:</b> Not required.</li> <li>• <b>Measures for environmental protection:</b> Do not allow to enter sewers/surface or ground water.</li> <li>• <b>Measures for cleaning / collecting:</b> Use vacuum or wet clean up method and recover the product in a closed container.</li> </ul>
<b>7</b>	<b>Handling and storage</b>
	<ul style="list-style-type: none"> <li>• <b>Handling:</b></li> <li>• <b>Information for safe handling:</b> Prevent formation of dust.</li> <li>• <b>Information about fire – and explosion protection:</b> Dust can combine with air to form an explosive mixture. Use approved dust respirator.</li> <li>• <b>Storage:</b></li> <li>• <b>Requirements to be met by storerooms and receptacles:</b> Store in roofed placed at room temperature.</li> <li>• <b>Storage:</b> Store only in unopened original receptacles.</li> </ul>
<b>8</b>	<b>Exposure controls / personal protection</b>
	<ul style="list-style-type: none"> <li>• <b>Additional information about design of technical facilities:</b> No further data; see item 7.</li> <li>• <b>Ingredients with limit values that require monitoring at the workplace:</b> TLV : 10 mg/m<sup>3</sup></li> <li>• <b>Personal protective equipment:</b></li> <li>• <b>General protective and hygienic measures:</b> The usual precautionary measures are to be adhered to when handling chemicals.</li> <li>• <b>Respiratory protection:</b> Use suitable respiratory protective device in case of insufficient ventilation.</li> <li>• <b>Protection of hands:</b> Use hand gloves.</li> <li>• <b>Eye protection:</b> Use septic goggles</li> </ul>

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<b>9</b>	<b>Physical and chemical properties.</b>
	<ul style="list-style-type: none"> <li>• <b>Form :</b> Powder</li> <li>• <b>Colour:</b> Blue</li> <li>• <b>Odour:</b> Odourless</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Change in condition</b></li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Melting point / melting range :</b> Undetermined</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Boiling point / boiling range:</b> Undetermined</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Flash point:</b> Not applicable</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Self igniting :</b> Product is not self igniting.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Danger of explosion:</b> Risk of formation of explosive pigment dust / air mixtures.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Specific Gravity :</b> 1.6</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Solubility in / miscibility with Water :</b> Insoluble</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>pH – value :</b> 6 - 8</li> </ul>
<b>10</b>	<b>Stability and reactivity.</b>
	<ul style="list-style-type: none"> <li>• <b>Thermal decomposition / conditions to be avoided:</b> No decomposition if used according to specifications.</li> </ul>
<b>11</b>	<b>Toxicological information.</b>
	<ul style="list-style-type: none"> <li>• <b>Acute toxicity:</b> LD50(rat) &gt;= 5,000 mg/kg</li> <li>• <b>Primary irritant effect:</b></li> <li>• <b>On the skin:</b> No irritant effect known</li> <li>• <b>On the eye:</b> No irritant effect known</li> <li>• <b>Sensitization:</b> No sensitization effect known</li> <li>• <b>Mutagenicity:</b> Negative</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Additional toxicological information:</b> When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.</li> </ul>
<b>12</b>	<b>Ecology information.</b>
	<ul style="list-style-type: none"> <li>• <b>General notes:</b></li> </ul>
	Do not allow product to reach ground water, water course or sewage system.

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13	<b>Disposal considerations.</b>		
	<ul style="list-style-type: none"> <li>• <b>Product:</b> Copper Phthalocyanine Blue Pigment</li> <li>• <b>Recommendation</b> Hand over to hazardous waste disposers.</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>Uncleaned packaging:</b></li> <li>• <b>Recommendation:</b> Use septic goggles</li> </ul>		
14	<b>Transportation information.</b>		
	<ul style="list-style-type: none"> <li>• <b>Transport / Additional information:</b> UN No.: None, GGV IMDG CODE: None, RID / ADR: None, ICAO / IATA-DGR none</li> </ul>		
15	<b>Regulatory information.</b>		
	<ul style="list-style-type: none"> <li>• <b>Designation according to EC guidelines:</b> Not classified as “dangerous”.</li> <li>• <b>Code letter and hazard designation of product:</b> Not classified as “dangerous”.</li> </ul>		
16	<b>Other information.</b>		
	<p>This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</p> <ul style="list-style-type: none"> <li>• <b>Department issuing MSDS:</b> Quality Control department.</li> </ul>		

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