

## Polychem

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### PRODUCT DATA SHEET

1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
<b>NAME OF THE PRODUCT</b>	Musclecool 771
<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"> <li>• Muscle cool 771 is all purpose chlorine free cutting oil with good lubricity .</li> <li>• It is blend of highly refined mineral oil emulsifiers , corrosion inhibitors with good antibacterial property .</li> <li>• It contains extraordinary antibacterial additives</li> <li>• It is having an excellent anticorrosive property over a wide dilution range.</li> <li>• As it is oil based ,it provides excellent lubricity to different parts of the machine &amp;elevates tool life considerably.</li> <li>• It can be used for machining of all metals like SS,MS, C.I &amp; their alloys .</li> <li>• This product does not contain toxic elements like Sulphur &amp; chlorine so water pollution problem do not occur .</li> </ul>
<b>DILUTION</b>	<ul style="list-style-type: none"> <li>• It is to be used 5 % with water.</li> </ul>
<b>APPLICATIONS</b>	<ul style="list-style-type: none"> <li>• Musclecool 771 is being used in quantity as soluble oil for all machine operations including grinding ,turning , milling .</li> </ul>
<b>TECHNICAL DATA</b>	<ul style="list-style-type: none"> <li>• Appearance :- Fluorescent green liquid</li> <li>• Odour :- Characteristic odour</li> <li>• Specific Gravity at 40°C:- 1.0 ( ± 0.1)</li> <li>• pH value of 5% solution [IS: 4955 –1978] :- 10 (± 0.5)</li> <li>• Solubility in water :- Soluble</li> <li>• Flash Point (OPEN CUP) [ASTM D 92 ]:- N/A</li> <li>• Refractometer Factor : 1.3 %</li> </ul>
<b>PACKING &amp; STORAGE</b>	<ul style="list-style-type: none"> <li>• 210 LITS PLASTIC BARREL. &amp; Store in a cool, dry, well ventilated place. Use properly labeled and closable containers. Avoid direct sunlight, heat sources, and strong oxidizing agents.</li> </ul>

**SAFETY INFORMATION:** - Although this product does not pose a significant hazard to health a good standard of hygiene and housekeeping should be protected when using all type of industrial safety materials. Refer MSDS of the product.