**DESCRIPTION**

PX-3844 is an amine phosphate/tolyl triazole reaction product. It is an antiwear/antirust additive which can be used to formulate gear oils and a variety of industrial oils.

Performance Benefits:
- Compatibility with a wide range of co-additives.
- Soluble in mineral oils, PAO’s and esters.
- Excellent antiwear and antirust characteristics.

**CAS NUMBER:**

**RECOMMENDED TREAT LEVELS**

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>% WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finished oil with a suitable package.</td>
<td></td>
</tr>
<tr>
<td>Synthetic Hydraulic Oils</td>
<td>0.05 - 1.0</td>
</tr>
<tr>
<td>Gear/Bearing Oils</td>
<td>0.1 – 1.0</td>
</tr>
<tr>
<td>Metalworking Fluids</td>
<td>0.1 – 0.3</td>
</tr>
</tbody>
</table>

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>ASTM METHOD</th>
<th>TYPICAL VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Visual</td>
<td>Clear Amber Liquid</td>
</tr>
<tr>
<td>Specific Gravity @ 15.6/15.6°C</td>
<td>ASTM D-4052</td>
<td>0.98</td>
</tr>
<tr>
<td>Density, lb/gal</td>
<td>ASTM D-4052</td>
<td>8.17</td>
</tr>
<tr>
<td>Flash Point, °C</td>
<td>ASTM D-93</td>
<td>134</td>
</tr>
<tr>
<td>Phosphorus, wt%</td>
<td></td>
<td>3.7</td>
</tr>
</tbody>
</table>

**GLOBAL REGISTRATION INFORMATION**

**SHIPPING INFORMATION**

PX-3844 is a DOT regulated material

**SAFETY and HANDLING**

For specific safety, handling and toxicity information, please refer to the current Material Safety Data Sheet.

**TYPICAL SHELF LIFE**

24 Months

The information contained in this sheet is provided free of charge and is based on technical data that Dorf Ketal believes to be correct and reliable. It is intended for use by persons having technical skill and at their own discretion and risk. We make no warranties, express or implied, and assume no liability in connection with any of this information as the conditions of use are outside our control. In addition, none of the contents of this publication should be taken as a license to operate under, or a recommendation to infringe any patent.

**AMERICAS**

Dorf Ketal Chemicals, LLC
3727 Greenbriar Dr.
Stafford, TX 77477
USA
1-281-491-3700

**EUROPE**

Dorf Ketal B.V.
4700 BN Roosendaal
The Netherlands
+31 165325648

**MIDDLE EAST**

Dorf Ketal Chemicals (I) Pvt. Ltd.
Manama,
Kingdom of Bahrain
+97 33 678 0547

**ASIA PACIFIC/INDIA**

Dorf Ketal Chemicals Pvt, Ltd
Fobeoz tower, Kanchpada
Ramchandra Lane
Malad-West, Mumbai, India 400064
+91 22 2883 3900

www.dorfketal.com