AFCONA – 5504

**Chemical Composition**
Non-ionic acetylenic diol based wetting agent with defoaming properties.

**Product general description**
Non-ionic multi-functional additive that provides surface tension reduction, defoaming, and wetting properties in a variety of waterbased systems.

**Product Properties**
AFCONA-5504 is a multi-functional additives, that can help wet out difficult or contaminated substrates, lower the surface tension of the coating system, improving pigment grind efficiency, and prevent surface defects such as fisheyes, edge crawl, and craters. In addition, it has great defoaming properties, and due to its hydrophobic nature, reduces water sensitivity of the final system.

AFCONA – 5504 is suitable for the following applications:
- Automotive (OEM and refinish)
- General industrial coatings
- OEM wood coatings
- Printing Inks
- PSA’s
- Pigment grind applications
- Metalworking Fluids
- Foundry applications
- Cementitious systems

Note: AFCONA – 5504 is cut in propylene glycol. It can be supplied in other solvents as desired.

**Product specification**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Active ingredients</td>
<td>48 - 52%</td>
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<tr>
<td>Density at 20 °C</td>
<td>0.95 – 0.97 g/cm³</td>
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<tr>
<td>Flashpoint</td>
<td>&gt;93°C</td>
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<tr>
<td>Pour point</td>
<td>-11°C</td>
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<tr>
<td>Appearance</td>
<td>slightly yellowish liquid</td>
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</table>

**Addition and dosage**
0.1 – 1.5% of total formulation weight

**Incorporation**
AFCONA-5504 should be added prior to the dispersion process.

**Storage**
AFCONA-5504 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

**Packaging**
55 lbs and 441 lbs non-returnable containers

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