Defoamer/deaerator for waterborne formulations

**AIRASE® 4500**

**DESCRIPTION**

AIRASE® 4500 is an effective defoamer concentrate based on organic polymer technology. Good balance of effectiveness and compatibility.

**KEY BENEFITS**

- contains no mineral oil
- suitable for food contact compliant formulations
- low viscosity and easy-to-handle liquid

**APPLICATION RECOMMENDATION**

- Brush application/roller application
- Airless spraying
- Compressed air spraying
- Flexo/gravure printing
- Dip coating, flow coating, curtain coating
- Flooring

**SUITABILITY**

- waterborne
- solventborne

**TYPICAL APPLICATIONS**

- Printing Inks
- Pigment concentrates
- Architectural paints
- General industrial coatings

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>active matter content</td>
<td>100 %</td>
</tr>
<tr>
<td>appearance</td>
<td>turbid colored liquid</td>
</tr>
<tr>
<td>chemical description</td>
<td>organic based concentrate, contains hydrophobic particles</td>
</tr>
<tr>
<td>solvent</td>
<td>-</td>
</tr>
</tbody>
</table>

**SOLUBILITY**

- Water: solvent
- Ethanol: partly soluble
- TPGDA: solvent
- Acetone: not soluble
- Butylacetate: solvent
- Mineral Spirits: partly soluble

**RECOMMENDED ADDITION LEVEL**

As supplied calculated on total formulation: 0.2 - 1.0 %

**PROCESSING INSTRUCTIONS**

Can be introduced during grind or let-down stage. Add slowly to formulation under moderate to high agitation. Mix thoroughly for 15-20 minutes.

**HANDLING & STORAGE**

Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable, but it may separate upon standing or freezing. Bring to 20-30°C and mix thoroughly before use.

**MSDS & REGULATORY INFORMATION**

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Evonik Resource Efficiency GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com