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
- low viscosity and easy-to-handle liquid
- suitable for food contact compliant formulations

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

**SUITABILITY**
- waterborne
- solventborne

**SOLUBILITY**
- Water
- Ethanol
- TPGDA
- Acetone
- Butylacetate
- Mineral Spirits

**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.

**TECHNICAL DATA**
- active matter content: 100%
- appearance: turbid colored liquid
- chemical description: organic based concentrate, contains hydrophobic particles
- solvent: -

**TYPICAL APPLICATIONS**
- General industrial coatings
- Architectural paints
- Pigment concentrates
- Printing Inks

---

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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