AGITAN® 315

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of modified nonionic fatty compounds, hydrophobic silica and white oils of pharmaceutical grade

Appearance: liquid
Colour: yellowish, turbid

Typical Properties:
- Active ingredients: approx. 100 %
- Consistency: medium viscosity
- Density at 20°C: approx. 0.85 g/cm³
- Flash point: above 100 °C
- Solubility in water: hardly emulsifiable, results in unstable emulsion
- pH (2% in dist. water): approx. 6.5

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: AGITAN 315 is recommended for aqueous emulsion systems specifically for low odor formulations. It is compatible with all common binders.

Main applications:
- Architectural coatings
- Emulsion plasters
- Industrial and wood coatings
- Printing inks
- Adhesives
- Cleaners

Recommended levels/use: Ladder studies are recommended to determine optimum concentration. Normal dosage ranges from 0.1 to 0.5 % on finished product. AGITAN 315 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 315 is added to the pigment dispersion and 1/3 is added to the letdown. Dilution of AGITAN 315 in solvents of the formulation may improve distribution of the defoamer.

Storage/handling: AGITAN 315 is not sensitive to freezing, but for better handling it should be stored at 15 and 25 °C. As the product tends to separate upon storage it must be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Totes holding 800 kg net, drums holding 120 kg net and kegs holding 25 kg net.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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MÜNZING CHEMIE GmbH
Münzingstrasse 2
74232 Abstatt

Tel: +49(0)7131/987-0
Fax: +49(0)7131/987-125
sales.pca@munzing.com
www.munzing.com