MÜNZING
CREATING ADDITIVE VALUE

AGITAN® 305

TECHNICAL INFORMATION

Defoamer for aqueous systems

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

Appearance:
liquid
Colour:
light, turbid

Typical Properties:

Active ingredients:	approx. 100 %
Consistency:	medium viscosity
Density at 20°C:	approx. 0.87 g/cm³
Flash point:	above 140 °C
Solubility in water:	easily emulsifiable in water, results in emulsion which separates slowly
pH (2% in dist. water):	approx. 8

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 305 is recommended for aqueous emulsion systems, specifically for low odor and non-polluting formulations. It is compatible with all common binders.

Main applications:
- Wood coatings
- Printing inks
- Adhesives
- Emulsion manufacture

Recommended levels/use:
Normal dosage ranges from 0.1 to 0.5 % on finished product. Ladder studies are recommended to determine optimum level. AGITAN 305 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 305 is added to the pigment dispersion and 1/3 is added to the letdown. For post addition the product can be pre-emulsified with water. For the manufacturing of emulsions and dispersions it is necessary to add AGITAN 305 to the water phase.

Storage/handling:
AGITAN 305 is not sensitive to freezing but for better handling it should be stored at 15 and 25 °C. As the product tends to separate during storage it should be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging:
Totes holding 900 kg net, drums holding 130 kg net and kegs holding 25 kg net.

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