

Technical Information

SURFYNOL® DF 110L Molecular Defoamer

Description

SURFYNOL® DF 110L defoamer is a highly effective, nonionic, molecular defoamer and deaerator. This defoaming/de-airentaining agent can be used for a wide variety of applications where foam prevention or foam elimination is necessary without causing surface defects.

Advantages

- Long-lasting, defect-free foam control
- Effective against microfoam
- Good substrate wetting
- Stability in formulations between pH 3–10
- Synergistic with conventional defoamers
- Contains no added silicone, silica or fluorinated materials
- Contains no added alkylphenol ethoxylates (APEs)

Recommended Usage

Between 0.1 and 1.0 % of total formulation weight is recommended.

Storage and Handling

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use.

Please refer to Material Safety Data Sheet.

Typical properties

Appearance	Clear, yellow to amber liquid
Specific Gravity at 21 °C	1.0
Viscosity at 25 °C	60 mPa.s
Pour Point	-25 °C
Flash Point	>110 °C

These are typical properties only and do not represent sales or manufacturing specifications.

Applications

- Coatings
 - Automotive OEM and refinish
 - Electro-depositioning
 - Industrial maintenance
 - Metal, plastic, wood and paper
- Graphic arts
 - Printing inks
 - Overprint varnishes
 - Fountain solutions
 - Plate cleaners
- Lamination adhesives
- Dye and pigment synthesis
- Pigment grinding and dispersing
- Semiconductor cleaning and processing
- Oil and gas processing
- Metalworking fluids
- Electroplating
- Concrete and mortars

Shelf-Life

60 months from the date of manufacture.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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For Technical Information, Support and Samples:

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