

Molecular defoamer

SURFADOL[®] MD-20

Surfadol MD-20 defoamer is an organic molecular defoamer based on Gemini surfactant technology. This unique multifunctional defoamer can provide a combination of foam control and dynamic wetting. Surfadol MD-20 defoamer can be exceptionally effective at reducing foam-related defects in waterborne systems. It can provide foam control and reduce microfoam without the incompatibilities or other issues associated with silicone or mineral oil defoamers.

Special properties

- Excellent dynamic wetting performance
- Lasting defoaming efficiency
- Not affect gloss and recoatability
- Ease of incorporation and good compatibility
- APEO free, Silicone free
- Stable in wide temperature and pH range

Examples of application

- Water-based general industrial coatings
- Water-based container coatings
- Water-based printing inks
- Water-based automotive coatings
- Water-based vanish
- Waterborne wood coatings

Processing instructions

- Addition to the coating as supplied or as a predilution is possible.
- Can be added during the let-down stage or other stage.
- Best microfoam control can be achieved if the additive is prediluted with co-solvents such as alcohols or ethers.

Typical properties

Appearance	Light yellow liquid
APHA Color (Pt-Co)	≤350
Active matter content	Modified acetylenic diol
Active matter content	100%
Viscosity at 25 °C	≤300 mPa.s
Density at 25 °C, g/cm ³	0.900-1.000
Suggested use level	0.1% - 1.0% of total formulation weight

Package and storage

The standard package for this material is 200kg drums, 4 drums per pallet.
The product can also be supplied in 25kg pails, 18 pails per pallet.

Keep containers tightly closed in a dry, cool, and well-ventilated place.

The shelf life for this product is 24 months from the date of manufacture, in closed container at the storage temperature of 4°C~50°C.