

# NEVOSIL® AF 2600

## Silicone Antifoam

### Characteristics

100% antifoam silicone compound.

### Properties

- ✓ High antifoam properties even with the addition of small amounts
- ✓ Optimum resistance to alkali medium

### Application

NEVOSIL® AF 2600 is used for defoaming or adjusting the foam formation of the process, especially in surfactant containing formulations such as cleaners and laundry detergents. Unlike regular antifoams, very small amount of NEVOSIL® AF 2600 is adequate for effective defoaming. Although it is partly viscous, it is easily dispersible in aqueous surfactant formulations.

Apart from the detergent production, NEVOSIL® AF 2600 should be used for the systems which have lost their effectiveness because of the foam formed. Besides, it can be used in order to prevent the foam formation and for the deaeration of anhydrous synthetic resins.

NEVOSIL® AF 2600 is perfect for deaerating slurries in the process of detergent manufacture. By addition of NEVOSIL® AF 2600 to the slurry, it permits reliable process control for spray drying of laundry detergents. NEVOSIL® AF 2600 is used successfully in the deaeration of the material to be fed to spray towers and helps for regulating the density of the powder detergent.

NEVOSIL® AF 2600 can be added to liquid detergents as a defoamer as well. NEVOSIL® AF 2600 has resistance to alkalis; however, compatibility tests with specific substrates should be carried out before application.

### Technical Data

Appearance	Colorless, opaque liquid
Solid content (%)	100
Density (23°C) (g/ml)	~1,0
Viscosity (23°C) (mPa.s)	18.000–28.000
Refractive Index	1,4060

\* These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants with the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials.

## NEVOSIL<sup>®</sup> AF 2600

*Silicone Based Antifoam*

### Processing

NEVOSIL<sup>®</sup> AF 2600 is added into a premix (in quantities of 4–16%) and the premix is then mixed into the powder detergent in amounts of 1–2% at the final stage of the manufacturing process.

Recommended doses of application:

- ✓ Powder detergents : 0,1– 0,5%
- ✓ Liquid detergents : 0,2–0,5%
- ✓ Slurry deaeration : 0,01–0,05%

### Storage / Shelf Life

NEVOSIL<sup>®</sup> AF 2600 has a shelf life up to 9 months if stored in tightly closed original containers between 5-35°C. If the material is kept beyond the shelf life recommended, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application. The containers must be protected against sunlight and frost.

### Packaging

30, 60, 120 and 200 kgs plastic drums or 1,000 kgs IBC containers.

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