

PRELIMINARY PRODUCT INFORMATION

TYPE

Modified silicone based defoamer, for foam prevention and suppression in various water and wastewater treatment processes

FORM OF DELIVERY (f.o.d.)

25 % emulsion in water

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

| | | |
|---------------------------------------|---------|-------|
| dynamic viscosity (100 1/s; 23 °C) | [mPa.s] | < 250 |
|---------------------------------------|---------|-------|

Not continually determined:

Colour / Appearance VLN 250

| | | |
|--------|--|-------|
| colour | | white |
|--------|--|-------|

Density (Liquids) DIN EN ISO 2811-2

| | | |
|-------------------------------|----------------------|------|
| density approx. (20 °C) | [g/cm ³] | 0,99 |
|-------------------------------|----------------------|------|

Flash Point (Pensky-Martens) DIN EN ISO 2719

| | | |
|------------------------|------|-------|
| flash point approx. | [°C] | > 100 |
|------------------------|------|-------|

SUGGESTED USES

Additol WT 103 DF-S can be used in various water and wastewater treatment process steps i. e. equalization, physio-chemical treatment, filtration, biological treatment including MBR & MBBR, distillation, evaporation, treated water storage and discharge etc.

PROCESSING

We recommend to prepare a 10 % to 30 % solution in water for ease of application and a dosage of 5 - 10 ppm to start while monitoring the defoaming effect in the vessel/reactor it is dosed to. If faster defoaming action is desired, the dosage can be increased to 50 - 100 ppm also. It does not show any impact on treated water parameters up to these concentrations.

APPLICATION

It can easily be dosed manually or tapped from the container it is prepared in from the top of the vessel/reactor (open process) or dosed via an installed dosing system comprising a small dosing tank (or drum) and a metering pump.

STORAGE

At temperatures from 5 °C to 25 °C storage stability packed in original containers amounts to at least 180 days.

Separation may occur, mix well before use.

REMARK

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.