

SILFOAM[®] SE 36



Silicone Antifoam Emulsions

SILFOAM[®] SE 36 is an antifoam emulsion that is largely compatible with surfactants. Unlike conventional antifoam emulsions, solutions of SILFOAM[®] SE 36 are stable for relatively long periods.

SILFOAM[®] SE 36 is particularly efficient at keeping cloudiness in surfactant-containing solutions to a minimum. We recommend that preliminary trials be carried out as these systems are highly diverse.

Properties

Specific features

- Emulsions

Technical data

General Characteristics

| Property | Condition | Value | Method |
|----------------------------|---|-----------------------------|------------------|
| Appearance | - | milky, white | - |
| Active ingredients content | - | 20 % | - |
| Density | 20 °C | approx. 1 g/cm ³ | DIN 12791 |
| Ionogenicity | - | nonionic | - |
| Solid content | - | approx. 28.0 % | Microwave oven |
| Viscosity, dynamic | 25 °C Brookfield, spindle 2 / 2,5 rpm | 4000 - 8000 mPa·s | - |
| pH | - | 6 - 9 | Indicator strips |

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Household & Cleaning Solutions

Application details

In surfactant-rich formulations, such as liquid detergents, textile additives and cleaning agents.

Processing

As SILFOAM® SE 36 is a medium-viscosity emulsion, it can often be metered directly. To produce a stable dispersion in high-viscosity formulations, it is best to stir at low shear rates. Preliminary compatibility and stability tests should be performed on the system to be defoamed.

Addition of 1 - 2 % usually suffices for liquid detergents, with no need for predilution; from 0.2 - 1 % is recommended for cleaning agents.

If SILFOAM® SE 36 is to be added during a process, predilution with cold water in a ratio of 1 : 1 to 1 : 10 will result in more accurate metering. These diluted emulsions have a lower storage stability and should be processed as close in time as possible. If feed pumps are used, they should be of the low shear force type.

Packaging and storage

Storage

Minimum temperature allowed during storage and transportation: 0 °C

Maximum temperature allowed during storage and transportation: 40 °C

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code SILFOAM® SE 36



For technical, quality or product safety questions, please contact:

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