

SILFOAM® SRE

SILICONE ANTIFOAM EMULSION

Product description

SILFOAM® SRE, which contains 20% active ingredient and 33% solids, is a versatile antifoam that is comparatively rich in emulsifier but is nonetheless easily metered because it has a relatively low viscosity. Since SILFOAM® SRE also possesses high resistance to alkalis and acids, it may further be used in a wide range of applications in which pH is critical.

Application

SILFOAM® SRE has proved ideal for tackling foam in textile auxiliaries and processes, for incorporation into cooling lubricants based on mineral oils, for separation of monomers from dispersions and conversion of dispersion into derivatives. SILFOAM® SRE is a useful auxiliary for combating foam generated in surfactant-containing formulations employed in the most diverse areas, such as the agrochemicals (plant protection agents), cleaners and petrochemicals industries. SILFOAM® SRE is also an efficient defoamer for treating waste water.

Processing

SILFOAM® SRE is a low-viscosity emulsion, it can be metered readily, with stable dispersions easily attainable in high-viscosity formulations. In low-

viscosity products, preliminary compatibility and stability tests should be performed on the system to be defoamed. The amount to add to liquid formulations depends on the desired degree of foam control, but usually lies between 0.1 and 2 %.

If SILFOAM® SRE is to be added during a process, we recommend prediluting it with cold water in a ratio of 1:1 to 1:10.

If feed pumps are used, they should be of the low shear force type.

Storage

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>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		white
Active ingredients content		approx. 20 %
Solid content	microwave oven	approx. 33 %
Density at 20 °C	DIN 12791	approx. 1 g/cm ³
Ionogenicity		nonionic
Viscosity, dynamic at 25 °C		approx. 20 - 500 mPa.s
Measurement condition for the method	Brookfield, spindle 1 / 50 rpm	
pH-Value	Indicator strips	approx. 5,0 - 8,0

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 within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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

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