

WACKER[®] L 067

Functional Silicone Fluids

WACKER[®] L 067 is a superspreading surfactant based on trisiloxane technology.

Because of its special structure WACKER[®] L 067 exhibits unique high surface activity, which allows it to wet and spread effectively on nearly any hydrophobic surface.

Properties

WACKER[®] L 067 reduces the surface tension of aqueous and non-aqueous solutions, performs as a highly effective wetting agent and is used for hydrophilic treatment of numerous materials and surfaces.

Specific features

- Fluid

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	clear, colorless to slightly brownish fluid	-
Cloud point	1.0 % in H ₂ O	approx. 18.0 °C	DIN EN 1890; Method A
Density	25 °C	1.02 g/cm ³	DIN 51757
Flash point	-	135 °C	ISO 2719
Solubility 10 % in alcohols	25 °C	soluble	-
Solubility 10 % in aromatic solvents	25 °C	soluble	-
Solubility 10 % in water	25 °C	dispersible	-
Surface tension	25 °C 0.1 % in H ₂ O	22.2 mN/m	-
Viscosity, dynamic	25 °C	approx. 50 mPa·s	DIN EN ISO 2555

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

- Agricultural Solutions

Application details

WACKER® L 067 enables efficient wetting and improves the effectiveness of water based herbicides, insecticides and fungicides (used in concentrations between 0.025 - 0.1%).

WACKER® L 067 can be used:

- as a tank-side adjuvant to improve spray coverage and uptake or to allow for a reduction in spray volume
- as an adjuvant in agrochemical formulations.

Best performance is achieved by buffering the formulation to pH 6.5 – 7.5

WACKER® L 067 improves wetting of hydrophobic surfaces, e.g. in the textile industry.

WACKER® L 067 is also suitable for the hydrophilic treatment of hydrophobic surfaces like plastics (enhanced wetting and antistatic effect).

Packaging and storage

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>.

QR Code WACKER® L 067



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

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