

PULPSIL[®] 246 C US

Silicone Antifoam Compound

PULPSIL[®] 246 C US is a highly viscous, relatively alkaline resistant, extremely efficient, solvent and water-free silicone antifoam compound, especially developed for use in pulp mills.

Properties

- good handling
- excellent long-term efficiency
- very good foam knock-down

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	White, cloudy, opaque liquid	visual check
Required dosage ⁽¹⁾	-	0.015 - 0.15 kg/t pulp	-
Viscosity, dynamic	25 °C	approx. 60000 mPa·s	DIN EN ISO 3219

¹depends greatly on the medium to be defoamed and on the process

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.

Application details

When used in a suitable formulation like an emulsion, PULPSIL® 246 C is an excellent antifoam agent, especially recommended for the use in different pulp processing steps like washing, screening, bleaching and waste water treatment.

Additional information

Legal regulations

PULPSIL® 246 C US is suitable for use as a defoamer in pulp and paper and/or pulp and paper treatment at level of 0.2 kg/metric ton pulp under the following sections of FDA 21 CFR:

- 176.170 (Components of paper and paperboard in contact with aqueous and fatty foods)
- 176.180 (Components of paper and paperboard in contact with dry foods)
- 176.200 (Defoaming agents used in coatings)
- 176.210 (Defoaming agents used in the manufacture of paper and paperboard)

PULPSIL® 246 C US is suitable for use under the recommendation XXXVI of the BfR. Regulatory sanctioning of the ingredients in a product does not imply that the finished product manufactured from those ingredients is considered safe by regulatory bodies. Responsibility for compliance with the above mentioned requirements resides with the manufacturer of the finished products.

Product is thixotropic. Weak stirring is necessary to reduce the viscosity. We recommend the following equipment from Inotec GmbH:

inoJET 300 / inoJET 350 (for IBC-container)

inoJET 370/inoJET 380 (for vats)

Processing

For high efficiency it is necessary that PULPSIL® 246 C US be well dispersed in the foaming medium. Therefore PULPSIL® 246 C US can be added only in neat form if high amounts of surfactants and/or high shear forces ensure a good dispersion. Preferably PULPSIL® 246 C US should be added in emulsion form. The use as a booster to organic defoamers is also possible, but sufficient compatibility of PULPSIL® 246 C US with the organic system has to be guaranteed.

Packaging and storage

Storage

Store in a dry and cool place.

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis 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

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code PULPSIL® 246 C US



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

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