

TEGO® Antifoam 2280

TEGO® Antifoam 2280 is an organic antifoam emulsion based on polyethers.

Physical properties

Appearance	white emulsion
Active content	50 %
Density (25 °C)	1.0 g/cm ³
Viscosity, dynamic (25 °C)	2 000 mPas
pH-value (25 °C)	6 – 8, delivered form

Application

TEGO® Antifoam 2280 destroys foam or prevents foam formation reliably in formulations produced with dispersing agents like cellulose or polyvinyl alcohols:

- Polyvinyl acetat (PVAc)
- Ethylene-Vinyl-Acetate-Copolymers (EVAc)
- S-PVC

Special technical information regarding the application fields is available on request.

Benefits

TEGO® Antifoam 2280 might be used in all steps for the production of dispersions like reaction, blow down and stripping and for further formulating of the produced dispersions.

TEGO® Antifoam 2280 outperforms conventional organic antifoams in several respects, in particular regarding dispersibility and dilution stability. Furthermore undesirable effects associated with other organic or silicone antifoams can be reduced or even eliminated.

Dosage

Depending on the application in question the required dosage may vary over a wide range. Suitable screening tests are therefore recommended.

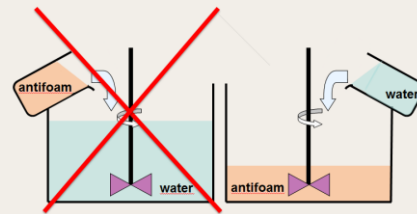
For the determination of the most efficient application rate we recommend an initial dosage between 0.01 wt-% – 0.1 wt-%.

Handling

TEGO® Antifoam 2280 may be applied as delivered or from a pre-dilution which results in a very cost effective application of the antifoam.

Stable dilutions with water are achieved in a range from 1 : 3 up to 1 : 20.

When applying TEGO® Antifoam 2280 pre-diluted the dilution may be prepared by adding the desired amount of water to TEGO® Antifoam 2280 while stirring at low shear rates.



Food contact status

BfR Recommendations

TEGO® Antifoam 2280 complies with the XIVth BfR Recommendation.

Polymer Dispersions that comply with the XIVth Recommendation may be further used as production auxiliary according to the BfR Recommendation XXXVI under B. I. 10.

European Regulation 10/2011 and amendments

TEGO® Antifoam 2280 can be used in accordance with EU Regulation 10/2011.

FDA Regulations

TEGO® Antifoam 2280 complies with 21 CFR 176.210 (Defoaming agents used in the manufacture of paper and paperboard) and 21 CFR 175.105 (Adhesives).

Registration status

The components of TEGO® Antifoam 2280 are listed in the following chemical inventories:

TSCA, ENCS, DSL, EINECS, ECL, AICS, PICCS and CHINA

Storage stability

TEGO® Antifoam 2280 is stable in closed containers for a minimum of 6 months. The product has to be kept under frost free conditions.

Packaging

1 000 kg container
other packaging on request

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

12/2015

Trademark notice and legal notice

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(Status: July 2015)

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