

Technical Information

TEGO® Antifoam 204

TEGO® Antifoam 204 is an antifoam emulsion based on organo-modified siloxanes.

Physical properties

Appearance	milky, white emulsion
Active content	20 %
Density (25 °C)	approx. 1.0 g/cm ⁻³
Viscosity (25 °C)	medium viscous (shear dependent)
Type of emulsifier	non-ionic

Application

TEGO® Antifoam 204 provides reliable foam control in aqueous media and may therefore be used for foam control in a variety of industrial applications:

- in the processing and application of polymer dispersions/latices
- in a multitude of other industrial applications where the use of traditional silicone oil based antifoams is restricted for certain reasons

Benefits

- excellent long-term efficiency, combined with maximum compatibility with most polymer dispersions
- no silicone related side effects, e. g. fish eyes, surface defects, de-wetting etc.

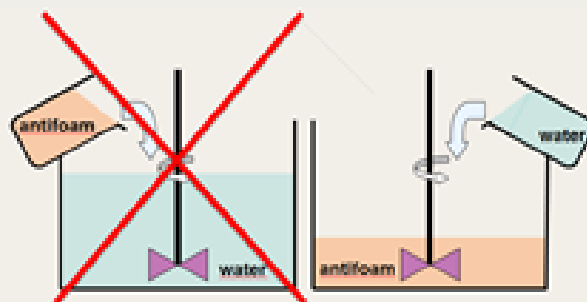
This results in a unique product profile which cannot be achieved either with organic or with traditional silicone oil based antifoams.

Dosage/Handling

A pre-dilution of TEGO® Antifoam 204 can be beneficial depending on the application in question. The ration should be between 1 : 1 to 1 : 10.

Depending on the application the required dosage may vary over a wide range (0.05 to 0.5 %); suitable screening tests are therefore recommended (initial dosage: 0.1 %).

Dilution of TEGO® Antifoam 204 may be prepared by adding the desired amount of water to TEGO® Antifoam 204 while stirring gently at low shear rates.



1 : 1 dilutions prepared as described above are stable for several days; 1 : 10 dilutions should be processed within several hours.

Food contact status

BfR Recommendations

TEGO® Antifoam 204 complies with the BfR-Recommendation XIV.

Polymer Dispersions that comply with the Recommendation XIV 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 204 may be used in compliance with EU Regulation 10/2011.

Registration status

The components of TEGO® Antifoam 204 are listed in the following chemical inventories:

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

Based on the submitted information of our raw material suppliers we can confirm, that TEGO® Antifoam 204 is compliant with EC Regulation 1907/2006 (REACH).

Storage stability

TEGO® Antifoam 204 is stable in closed containers for a minimum of 6 months.

TEGO® Antifoam 204 must be stored in frost-free conditions.

Packaging

200 kg PE drums (800 kg each drum)
1 000 kg containers

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.

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