

# 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 <sup>3</sup>    |
| 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.

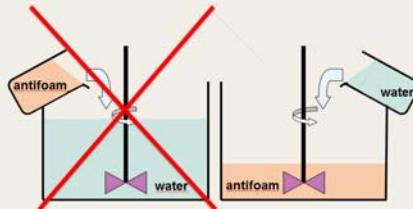
This results in a unique product profile which cannot be achieved either with organic or with traditional silicone oil based antifoams.

## 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.

## FDA Regulation

Detailed information is available on request.

## Registration status

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

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

## 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.

07/2015

## Trademark notice and legal notice

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