

TEGO® Antifoam 1–85

Product description

TEGO® Antifoam 1–85 is a highly efficient silicone based antifoam emulsion which can be easily dispersed with water.

Physical properties

Active matter	10%
Solid content	11.5 ± 0.5%
Type of emulsifier	non-ionic
Density at 25°C	approx. 1.0 g/cm ³

Application

TEGO® Antifoam 1–85 can be used to avoid foam formation or to destroy foam in a wide range of industrial applications.

Good results are achieved in various surfactant containing systems (in non-ionic and anionic surfactants as well as in mixtures thereof).

TEGO® Antifoam 1–85 can be applied at pH values ranging from approx. 3 to 13.

Typical areas of application for TEGO® Antifoam 1–85 include gas sweetening, textile auxiliaries and cleaners.

Properties/Benefits

- Excellent defoaming properties even with a treat rate of 20 ppm
- Quick foam knock-down and high long term efficiency
- More efficient than pure silicone oils
- Easily dispersible in water
- Particularly stable in amine containing process waters

Dosage/Handling

TEGO® Antifoam 1–85 can be applied to the foaming media either in its undiluted form or as pre-dilution. In most cases it is advantageous to apply TEGO Antifoam 1–85 as a pre-dilution (1 : 1 to 1 : 10) in order to achieve the most economical and exact dosage of the antifoam.

As a result of the multitude of applications of TEGO® Antifoam 1–85, it is difficult to give a general recommendation for the dosage of this antifoam. Therefore the required addition level should be evaluated by suitable test methods. However, as an initial test concentration the range of 20–100 ppm TEGO® Antifoam 1–85 is recommended.

Storage stability

In originally sealed containers TEGO® Antifoam 1–85 can be stored for at least 6 months. The product has to be stored under frost-free conditions.

Registration status

The ingredients of TEGO® Antifoam 1–85 are listed in the following chemical inventories:

EINECS, TSCA, DSL, TCCL, ENCS, ECS, NZIOC, AICS and China

Packaging

Pallet size:

12 x 30 kg = 360 kg

4 x 210 kg = 840 kg

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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Trademark notice and legal notice

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