Technical Information

TEGO® Antifoam KS 6

TEGO® Antifoam KS 6 is a self-emulsifying organic antifoam concentrate, containing small amounts of polysiloxane for enhancing the efficiency.

Physical properties

Appearance	amber, opaque
Active content	100 %
Density (25 °C)	approx. 0.95 g/cm³
dyn. Viscosity (25 °C)	150 – 350 mPas
Refractive index (25 °C)	approx. 1.486

Application

TEGO® Antifoam KS 6 destroys foam or prevents foam formation reliably in aqueous media and may be used for foam control in a variety of industrial applications:

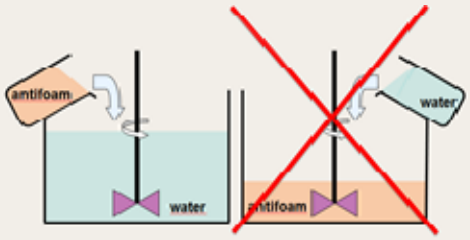
- as a processing aid for the water based polymerization of thermoplastics and elastomers (e. g. in the demonomerization)
- in all process steps of the PVC production by emulsion, suspension and micro suspension polymerization
- in the process and waste water treatment
- possible usage even in strong acidic or alcaline media

Dosage/Handling

As TEGO® Antifoam KS 6 is easily dispersible in water it may be applied as delivered. For specific process conditions aqueous pre-dilutions (1 : 10 to 1 : 40) may be desirable.

Depending on the application in question the required dosage may vary over a wide range (0.05 to 0.2 %); suitable screening tests are therefore recommended (initial dosage: 0.1 %).

When applying TEGO® Antifoam KS 6 from aqueous pre-dispersions, dilution may prepared by adding TEGO® Antifoam KS 6 to the desired amount of water. In order to achieve a homogeneous distribution of the active material we recommend to stir the diluted antifoam gently in the storage tank.



We recommend to stir TEGO® Antifoam KS 6 before use.

FDA Recommendations

21 CFR 175.105 – Adhesives

21 CFR 176.200 – Defoaming agents used in (paper-)coatings

21 CFR 176.210 – Defoaming agents used in the manufacture of paper and paperboard

Registration status

The components of TEGO® Antifoam KS 6 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS and IECSC.

Storage stability

TEGO® Antifoam KS 6 is stable in closed containers at room temperature for 1 year.

Packaging

190 kg steel drum (760 each pallet)
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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