

## Product Information

## TEGO® Antifoam KS 95

## PRODUCT DESCRIPTION

TEGO® Antifoam KS 95 is a self-emulsifying organic anti-foam concentrate, containing small amounts of organo-siloxanes for enhancing the efficiency.

## Typical Properties

Property	Unit	Value
Appearance		yellow/green, opaque
Density at 25°C	g/cm <sup>3</sup>	0.96
Refractive Index at 25°C		1.470
Viscosity at 25°C	mPa·s	100-200

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

TEGO® Antifoam KS 95 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 the stripping of PVC latex in emulsion, suspension and micro-suspension polymerization
- In the processing and application of polymer dispersions/latices
- As an environmental-friendly antifoam for waste water treatment
- In a multitude of other industrial applications (TEGO® Antifoam KS 95 should not be used in strong alkaline media, i. e. pH > 10)

## Product Composition

Product Composition	Unit	Value
Active Content	wt%	100

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

- Due to the special selection of active ingredients TEGO® Antifoam KS 95 outperforms conventional organic anti-foams in many respects (dispersibility, efficiency)
- Furthermore undesirable effects associated with other organic antifoams can be reduced or even eliminated (e.g. fogging of PVC)

## HANDLING &amp; PROCESSING

As TEGO® Antifoam KS 95 is easy dispersible in water it may be applied as delivered. For specific process conditions aqueous predilutions (1 : 10 to 1 : 20) may be desirable. Depending on the application in question the required dosage may vary over a wide range (0.05 to 0.5%); suitable screening tests are therefore recommended (initial dosage: 0.1%). Handling When applying TEGO® Antifoam KS 95 from aqueous predispersions, dilution may be pre-pared by adding TEGO® Antifoam KS 95 to the desired amount of water. In order to achieve a homogeneous distribution of the active material we recommend to stir the diluted anti-foam gently in the storage tank. We recommend to stir TEGO® Antifoam KS 95 before use.

## PACKAGING

1 000 kg containers

## SHELF LIFE

TEGO® Antifoam KS 95 is stable in closed containers for a minimum of 12 months.

## HAZARDOUS SUBSTANCE

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.

## REGISTRATION LISTING SUMMARY

Based on the submitted information of our raw material suppliers we can confirm, that TEGO® Antifoam KS 95 is compliant with EC Regulation 1907/2006 (REACH).

The relevant components of TEGO® Antifoam KS 95 are listed/registered or exempt in the following chemical inventories:

Registration Listings	
Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (REACH)	Yes
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes
South Korea (KECL)	Yes
Philippines (PICCS)	Yes

### Registration Listings

Registry	Status
USA (TSCA)	Yes

## FOOD CONTACT COMPLIANCE

The main component of TEGO® Antifoam KS 95 is a food grade vegetable oil. FDA Regulations TEGO® Antifoam KS 95 complies with 21 CFR 176.210 (Defoaming agents used in the manufacture of paper and paperboard) and 21 CFR 175.105 (Adhesives). European Regulation 10/2011 and amendments All components of TEGO® Antifoam KS 95 are covered by the Regulation 10/2011 without any specific SML values. BfR Recommendations TEGO® Antifoam KS 95 may be used in compliance with the BfR Recommendation XIV. 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.

### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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