

Technical Information

TEGO® Antifoam MR 1015

Product description

TEGO® Antifoam MR 1015 is a 70 % active antifoam concentrate based on modified siloxanes.

Physical properties

Appearance	milky, turbid
Active content	70 %
Density (25 °C)	approx. 1.0 g/cm ³
Viscosity (25 °C)	medium viscous
Type of emulsifier	non-ionic

Application

TEGO® Antifoam MR 1015 is used as an antifoam in a broad range of aqueous based systems. It is particularly recommended for metal working fluids (MWF) and textile auxiliaries. Applications for TEGO® Antifoam MR 1015 are:

- textile industry (e. g. textile bleaching, dying, finishing, production of non-wovens)
- in metal working fluids (pre-defoamer in concentrates and for tank-side addition)
- other industrial applications (e. g. industrial and household cleaners)

Properties/Benefits

Due to the special modification and formulation of the active material, TEGO® Antifoam MR 1015 combines excellent efficiency with maximum compatibility at the same time.

The result is a unique product profile which cannot be achieved either with organic or with traditional silicone oil based antifoams.

Furthermore, undesirable effects associated with silicone oil based antifoams (silicone spotting, fish eyes) can be eliminated in most applications.

TEGO® Antifoam MR 1015 shows excellent alkaline and electrolyte stability, even at higher temperatures.

In addition TEGO® Antifoam MR 1015 is easily water dispersible, which allows for easy handling.

Dosage/Handling

TEGO® Antifoam MR 1015 is used in a wide range of different applications and under different conditions. Therefore, the recommended dose level may vary over a wide range (0.01 – 0.5 %). Suitable screening tests are therefore recommended.

TEGO® Antifoam MR 1015 is easily dispersible in water and may therefore be applied as delivered. However, we recommend using TEGO® Antifoam MR 1015 from a pre-dilution (1 : 3 to 1 : 10). Dilution may proceed by adding TEGO® Antifoam MR 1015 to water while stirring gently at low shear rates. These dilutions are semi stable. If stable long-term dilutions are required please consult with our technical managers.

Registration status

The ingredients of TEGO® Antifoam MR 1015 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, TCSI, IECS and New Zealand.

Storage stability

TEGO® Antifoam MR 1015 is stable in closed containers for a minimum of 6 months. Please protect from frost!

Packaging

Pallet à 800 kg
(4 x 200 kg plastic drums)
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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