

## Product Information

## TEGO® Antifoam MR 1015

## PRODUCT DESCRIPTION

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

## Typical Properties

Property	Unit	Value
Appearance		milky, turbid
Density	g/cm <sup>3</sup>	1.00
Type of Emulsifier		non-ionic

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

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, dyeing, 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)

## Product Composition

Product Composition	Unit	Value
Active Content	wt%	68-72

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

- 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

- 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
- TEGO® Antifoam MR 1015 is easily water dispersible, which allows for easy handling

## HANDLING &amp; PROCESSING

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 predilution (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.

## PACKAGING

Pallet à 800 kg (4 x 200 kg plastic drums) 1 000 kg containers

## SHELF LIFE

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

## 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

The relevant components of TEGO® Antifoam MR 1015 are listed/registered or exempt in the following chemical inventories:

Registration Listings	
Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (EINECS/ELINCS)	Yes

Registration Listings	
Registry	Status
Japan (ENCS)	Yes
South Korea (TCCL)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes
USA (TSCA)	Yes

### 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.

### Evonik Operations GmbH

Interface & Polyurethane Additives  
Goldschmidtstraße 100  
45127 Essen  
Germany