

TEGO® Antifoam MR 2124

Product description

TEGO® Antifoam MR 2124 is a 100 % active defoamer concentrate based on mineral oils. TEGO® Antifoam MR 2124 is completely Si-free and water dispersible.

Physical properties

Appearance	yellowish, turbid
Active matter content	100 %
Density (25 °C)	approx. 0.9 g/cm ³
Viscosity (25 °C)	approx. 150 – 400 mPas

Application

TEGO® Antifoam MR 2124 is suitable to formulate stable, low foaming, water miscible metal working fluid (MWF) concentrates. It is particularly recommended for semi-synthetic fluids and soluble oils.

Furthermore TEGO® Antifoam MR 2124 can be used as a tank side defoamer for all different types of water based MWF.

TEGO® Antifoam MR 2124 is especially used for applications where the use of any Si-containing products is not permitted.

Properties / Benefits

- TEGO® Antifoam MR 2124 is completely Si-free. It is free of silicone oils, organo-modified siloxanes and silica. Therefore, it has no adverse effects on the finishing process (painting/electro-plating, etc.) of the treated metal parts.
- TEGO® Antifoam MR 2124 provides good foam knock down and hold down properties in a broad range of different aqueous based systems.

- TEGO® Antifoam MR 2124 is highly compatible. This allows for the formulation of highly stable concentrates. It also does not deteriorate the shelf life of ready-to-use emulsions.
- TEGO® Antifoam MR 2124 is water dispersible which allows for easy handling.
- TEGO® Antifoam MR 2124 provides improved filterability compared to conventional wax based antifoams. This minimizes the amount of additional tank side defoamer.

Dosage / Handling

Depending on the composition of the metal working fluids and their conditions for use (water hardness, temperature, etc.), we recommend an initial dosage of 0.05 % to 1.0 % for the production of low foaming concentrates and 0.01 % to 0.1 % for the post-defoaming of ready-to-use-emulsions.

Registration status

The ingredients of TEGO® Antifoam MR 2124 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS, TAIWAN and CHINA

Storage stability

In original closed containers, TEGO® Antifoam MR 2124 can be stored at room temperature for 1 year.

TEGO® Antifoam MR 2124 should always be stirred before use.

Packaging

170 kg steel drum
Pallet size 4 x 170 kg = 680 kg

50 kg PE drum
Pallet size 6 x 50 kg = 300 kg

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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