

# TECHNICAL INFORMATION

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## NEWOTEC<sup>®</sup> 559

<b>Product Category:</b>	Defoamer for aqueous systems	
<b>Fields of Application:</b>	Aqueous dispersions/emulsions/solutions of any kind	
<b>Product Characteristics:</b>	<ul style="list-style-type: none"><li>➤ silicone-free defoamer</li><li>➤ stable at temperatures up to 135°C</li><li>➤ resistant to high shear forces</li></ul>	
<b>Chemical Composition:</b>	Mineral oil emulsion	
<b>Technical Data:</b>	Appearance (20 °C):	yellowish, cloudy, liquid emulsion
	Ionic state:	nonionic
	pH 100g/L water:	approx. 7
	Specific gravity 20°C:	approx. 0.9
	Stability:	stable in acids, alkalines and peroxides in commonly used concentrations
<b>Storage:</b>	Shelf life:	in originally sealed drums, approximately one year from the date of delivery under the conditions recommended below
	Storage Conditions:	Recommended storage temperature: min +3°C, max +25 °C Protect from direct sunlight and heat! Stir well before sampling or use!
<b>Packaging:</b>	drum / IBC	
<b>Use concentration:</b>	0.2 to 1.0 g/L	

In any case we recommend to carry out own lab tests to determine the optimum dosage, especially when the recommended maximum dosage is exceeded.

# NEWOTEC<sup>®</sup> 559

**Application:**

NEWOTEC<sup>®</sup> 559 is a universally applicable defoamer for many kinds of aqueous dispersions/emulsions/solutions, and is recommended especially for high shear mixing processes. In order to get best results the defoamer should be added prior to the mixing/blending process. The formation of air bubbles will then be suppressed most efficiently.

When the defoamer does not dissolve immediately after addition, it is recommended to premix NEWOTEC<sup>®</sup> 559 with cold or warm water. The premix can then be added whilst stirring and will dissolve more easily.

**Further Information:**

NEWOTEC<sup>®</sup> 559 contains mineral oil. It should therefore be tested before if the presence of small amounts of mineral oil causes any disturbance in the final application.

The data in this technical information are derived from practical experience. They do not guarantee specific product properties or the suitability of the product for particular applications. Lab or pilot tests should be carried out in any case. Due to many different possible process conditions we cannot assume any liability. Any existing industrial patent rights have to be respected. Additional information on product properties pertaining to working safety as well as environmental protection can be found in the material safety data sheet.