

TECHNICAL INFORMATION

Revision: 0
Date: 05.03.2015
Page: 1/2

NEWOTEC[®] 865

Product Category:	Multi-purpose dispersing agent for fillers and pigments												
Fields of Application:	Aqueous and non-aqueous dispersions of pigments and fillers												
Product Characteristics:	<ul style="list-style-type: none">➤ low-volatile and low VOC➤ free of APEO, phthalates and solvents												
Chemical Composition:	Preparation containing maleic acid semi esters and long-chain fatty acid esters												
Technical Data:	<table><tr><td>Appearance (20 °C):</td><td>yellow liquid</td></tr><tr><td>Active content:</td><td>100%</td></tr><tr><td>Flash point:</td><td>>120 °C</td></tr><tr><td>Boiling range:</td><td>>200 °C</td></tr><tr><td>Solidification range:</td><td>< 0°C</td></tr><tr><td>Compatibility:</td><td>compatible with many aqueous and non-aqueous dispersions within the recommended concentration range</td></tr></table>	Appearance (20 °C):	yellow liquid	Active content:	100%	Flash point:	>120 °C	Boiling range:	>200 °C	Solidification range:	< 0°C	Compatibility:	compatible with many aqueous and non-aqueous dispersions within the recommended concentration range
Appearance (20 °C):	yellow liquid												
Active content:	100%												
Flash point:	>120 °C												
Boiling range:	>200 °C												
Solidification range:	< 0°C												
Compatibility:	compatible with many aqueous and non-aqueous dispersions within the recommended concentration range												
Storage:	<table><tr><td>Shelf life:</td><td>in originally sealed drums, approximately one year from the date of delivery under the conditions recommended below</td></tr><tr><td>Storage Conditions:</td><td>Recommended storage temperature: min +3°C, max +40 °C Protect from moisture Frost resistant</td></tr></table>	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 +40 °C Protect from moisture Frost resistant								
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 +40 °C Protect from moisture Frost resistant												
Packaging:	drum / IBC												
Use concentration:	<table><tr><td>lowest:</td><td>1 weight-% referring to the filler/pigment content</td></tr><tr><td>highest:</td><td>3 weight-% referring to the filler/pigment content</td></tr></table>	lowest:	1 weight-% referring to the filler/pigment content	highest:	3 weight-% referring to the filler/pigment content								
lowest:	1 weight-% referring to the filler/pigment content												
highest:	3 weight-% referring to the filler/pigment content												

We strongly recommend to carry out own lab tests in order to determine the optimum dosage, especially when more than 3% are added.

NEWOTEC[®] 865

Application:

NEWOTEC[®] 865 is a multi-purpose dispersing agent with 100% active content. It is recommended for use in many aqueous and non-aqueous pigment or filler dispersions. It should be mixed into the liquid prior to the addition of the solid ingredients. The dispersion will then have a lower viscosity with the solid components well dispersed.

NEWOTEC[®] 865 leads to a homogeneous dispersion of solids in many aqueous and non-aqueous formulations, prevents the formation of agglomerates and reduces the viscosity.

Further Information:

In any case, NEWOTEC[®] 865 should be tested before if it is suitable for the intended application. Also, the dosage required for a sufficient effect should be determined in a test series.

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.