

**SILCOLAPSE™ 500****Antifoam**

Technical Data Sheet – V1 – 2019/11/07

<b>Description</b>	<b>SILCOLAPSE 500</b> is a defoamer compound containing polydimethylsiloxane oil and silica.
<b>Examples of application</b>	<p><b>SILCOLAPSE 500</b> is multi-purpose:</p> <ul style="list-style-type: none"> <li>• Agrochemicals: <ul style="list-style-type: none"> <li>- Crop Protection formulations;</li> </ul> </li> <li>• Pulp &amp; Paper: <ul style="list-style-type: none"> <li>- Various processing steps (cooking, washing, screening, bleaching and sewage treatment);</li> </ul> </li> <li>• Chemical;</li> <li>• Textile processes;</li> </ul> <p><b>SILCOLAPSE 500</b> is particularly effective in highly foaming systems;  <b>SILCOLAPSE 500</b> can also be used in emulsion form or as a booster to silicon and/or organic foam control agents. In the last case, compatibility of <b>SILCOLAPSE 500</b> with the organic system must be previously verified.</p>
<b>Key Benefits</b>	<ul style="list-style-type: none"> <li>• Good defoaming efficiency at high temperature;</li> <li>• Easy to use: it can be used as delivered, or pre-diluted in a solvent;</li> <li>• Low dosage efficiency, at around 1 to 100 mg per kg of system to be defoamed;</li> <li>• High efficiency in alkaline conditions;</li> <li>• Chemically inert regarding the substance to be defoamed therefore leaving its properties unchanged.</li> </ul>
<b>Typical Properties</b>	<ul style="list-style-type: none"> <li>• Appearance..... opalescent homogeneous liquid</li> <li>• Colour.....greyish white</li> <li>• Solid content (%), aprox..... 100</li> <li>• Thinners..... Hydrocarbon solvents, water miscible solvents, water dispersable solvents.</li> </ul> <p><i><b>Please note:</b> The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department by the phone number +55 (11) 4380-6900 for assistance in writing specifications.</i></p>
<b>Packaging</b>	<b>SILCOLAPSE 500</b> is available in drum of 200 kg.
<b>Storage and shelf life</b>	<p>When stored in its original packaging:</p> <p><b>SILCOLAPSE 500</b> may be stored at a temperature between -2°C and 30°C for up to 12 months from its date of manufacturing.</p> <p>Comply with the storage instructions and expiration date marked on the packaging. Beyond</p>

**SILCOLAPSE® 500**

this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

**Safety**

Please consult the Safety Data Sheet of **SILCOLAPSE 500**

Visit our website [www.silicones.elkem.com](http://www.silicones.elkem.com)

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