

# Silcolapse® 137

## Antifoams

November 2017

<b>Description</b>	<p><b>Silcolapse® 137</b> is a non-ionic aqueous emulsion containing dimethylpolysiloxane, and is highly effective for control and elimination of foam in aqueous media.</p> <p>Active ingredient concentration is 10%. This product is highly effective in aqueous media and subjected to extreme agitation, even at temperatures of over 80°C. It is active in extreme pH conditions.</p> <p><b>Silcolapse® 137</b> is exclusively designed for industrial use.</p>																
<b>Examples of applications</b>	<p><b>Silcolapse® 137</b> is particularly suitable for use in industrial processes requiring the elimination or control of foam in aqueous media and subjected to extreme agitation, such as:</p> <ul style="list-style-type: none"> <li>• Extraction, distillation and dehydration processes.</li> <li>• Manufacture of adhesives and glues.</li> <li>• Manufacture of soaps and detergents.</li> <li>• Agrochemical formulations.</li> <li>• Manufacture of ethylene oxide and propylene oxide.</li> <li>• Formulation of natural and synthetic latex.</li> <li>• Effluent treatment.</li> </ul>																
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Easy dispersion in aqueous media.</li> <li>• High foam control capability in a wide variety of foaming media.</li> <li>• Homogeneous and stable emulsion.</li> <li>• Chemically inert with regards to the medium to be defoamed.</li> </ul>																
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<b>Processing</b>	<p><b>Silcolapse® 137</b> is easy to disperse in aqueous media, with normal use of 10 to 1000 mg per kg (or litre) of the media to be defoamed.</p> <p>The user has to determine the appropriate efficiency of the antifoam according to their own tests, depending on various factors, such as the chemical composition of the medium, the nature of the process, temperature, pH, etc ...</p> <p><b>Silcolapse® 137</b> may be used directly as supplied, or diluted in water or in the medium to be defoamed to a concentration of 1% of active ingredient. The antifoam should be diluted by adding water slowly to the product while mixing it at room temperature.</p> <p>Check the dilution stability.</p>																

# Silcolapse® 137

The dilution thus obtained can be stored for 24 hours.

We recommend to homogenize the product before using.

<b>Packaging</b>	<b>Silcolapse® 137 is delivered in the following packaging: 25 kg, 200 kg and 1000 kg.</b>
<b>Storage and shelf life</b>	<p><b>When stored in its original unopened packaging, at a temperature of between +5°C and +30°C, Silcolapse® 137 may be stored for up to 12 months from the date of manufacture clearly marked on the packaging.</b></p> <p><b>Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.</b></p>
<b>Safety</b>	<b>Consult the Safety Data Sheet for Silcolapse® 137.</b>

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

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