

Silcolapse® 7140

Antifoams

November 2017

Description	<p>Silcolapse® 7140 is a non-ionic aqueous emulsion containing dimethylpolysiloxane, and is highly effective for prevention, control and elimination of foam in aqueous media.</p> <p>Silcolapse® 7140 has many applications in food industry. It can also be used in industrial applications requiring a high level of purity.</p>																		
Applications	<p>Silcolapse® 7140 is especially designed for:</p> <ul style="list-style-type: none"> • “Food Contact” and “Technologic Auxiliary”, subject to different national regulations. For further information about relevant legislations, please contact our technical or sales staff. <p>Important point: Silcolapse® 7140 cannot be used as “Food Additive”.</p> <ul style="list-style-type: none"> • Fermentation. 																		
Advantages	<ul style="list-style-type: none"> • Easy dispersion in aqueous media. • High foam control capability in a wide variety of foaming media. • Homogeneous and stable emulsion. • Chemically inert with regards to the medium to be defoamed. 																		
Characteristics	<table> <tr> <td>Aspect</td> <td>milky liquid</td> </tr> <tr> <td>Colour.....</td> <td>white</td> </tr> <tr> <td>pH, approx.....</td> <td>5</td> </tr> <tr> <td>Specific gravity at 25°C, approx.....</td> <td>1.0</td> </tr> <tr> <td>Viscosity*, mPa.s</td> <td><100</td> </tr> <tr> <td>Dry content, % approx.</td> <td>40</td> </tr> <tr> <td>Active ingredient content, % approx.</td> <td>30</td> </tr> <tr> <td>Emulsifiers.....</td> <td>non ionic</td> </tr> <tr> <td>Diluents</td> <td>water</td> </tr> </table> <p>(* Brookfield, speed 50, spindle 1, 25°C)</p>	Aspect	milky liquid	Colour.....	white	pH, approx.....	5	Specific gravity at 25°C, approx.....	1.0	Viscosity*, mPa.s	<100	Dry content, % approx.	40	Active ingredient content, % approx.	30	Emulsifiers.....	non ionic	Diluents	water
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Processing	<p>Silcolapse® 7140 can be used as delivered, or pre-diluted in water or in the foaming medium. In this case, the water is added to the antifoam slowly with slight stirring (do not use high shear mixers).</p> <p>It is recommended not to dilute it less than 1% active material content. Check the dilution stability.</p> <p>The dilution thus obtained can be stored for 24 hours.</p> <p>Silcolapse® 7140 is normally used at concentrations comprised between 10 and 500 mg per kg of the medium to be defoamed.</p>																		
Packaging	Silcolapse® 7140 is delivered in the following packaging: 25, 200 and 1000 kg.																		
Storage and shelf life	<p>When stored in its original unopened packaging, at a temperature of between +2°C and +30 °C, Silcolapse® 7140 may be stored for up to 12 months from the date of manufacture clearly marked on the packaging.</p> <p>Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications</p>																		
Safety	Please consult the Safety Data Sheet of Silcolapse® 7140																		

Visit our website www.silicones.elkem.com

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