

Silcolapse® 422

Silicone Emulsion

November 2017

Description	Silcolapse® 422 is a 10% active silicone defoamer, which is very effective in the prevention, control or suppression of foam produced in aqueous media. It is designed for industrial use only.														
Applications	<p>Silcolapse® 422 can be used in various sectors of the industry such as:</p> <ul style="list-style-type: none"> • Rubber: Synthetic rubber processing, synthetic latex processing • Chemical Processes: Manufacture of agriculture chemicals (weed killers, insecticides, fungicides...); Manufacture of adhesives and glues; Manufacture of soaps and industrial detergents; Additives for cutting oils • Paints, Inks and Varnishes: manufacture, packaging. • Textiles: Conventional dyeing, high temperature dyeing, printing, finishing, desizing of fibers, washing. 														
Features	<ul style="list-style-type: none"> • Disperses very easily in aqueous media • In dilution is homogeneous and stable in time • Very effective as an anti-foaming agent in a many application 														
Typical Properties	<table border="1"> <tr> <td>• Appearance</td> <td>white to white gray, homogeneous milky liquid</td> </tr> <tr> <td>• Actives, %</td> <td>10</td> </tr> <tr> <td>• Specific Gravity</td> <td>1.00</td> </tr> <tr> <td>• Emulsifier Type</td> <td>nonionic</td> </tr> <tr> <td>• pH</td> <td>5.5</td> </tr> <tr> <td>• Diluents</td> <td>water</td> </tr> <tr> <td>• Effective Concentration, mg/kg (or ppm)</td> <td>10 –1,000</td> </tr> </table> <p>Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of Silcolapse® silicone materials. Please contact our Technical Service Department for assistance in writing specifications.</p>	• Appearance	white to white gray, homogeneous milky liquid	• Actives, %	10	• Specific Gravity	1.00	• Emulsifier Type	nonionic	• pH	5.5	• Diluents	water	• Effective Concentration, mg/kg (or ppm)	10 –1,000
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Regulatory Information	<p>EPA Pesticide Chemical Regulations:</p> <p>The Ingredients in Silcolapse® 422 are exempt from the requirement of a tolerance under EPA regulations: • 40 CFR 180.920 for growing crops only</p>														
Instructions for use	Silcolapse® 422 can be used as supplied or pre-diluted in water or part of the foaming medium.														
Safety	<p>Please read the container labels for Silcolapse® 422 or consult the Material Safety Data Sheet (MSDS) before handling for safe use, physical and health hazard information. The MSDS is not included with the product packaging, but can be obtained by contacting Elkem Silicones at 866-474-6342 or consult your Elkem Silicones representative.</p>														
Storage and shelf life	Silcolapse® 422 When stored in the original, unopened containers at temperatures between 1 and 25°C, can be stored for 9 months from the date of manufacture. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.														
Packaging	Silcolapse® 422 is available in 200 kg drums.														

Visit our website www.silicones.elkem.com

Silcolapse® 422

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