

Silcolapse® 1824

Silicone Antifoam Emulsion

November 2017

Description	Silcolapse® 1824 is an aqueous antifoam emulsion of a polydimethylsiloxane. It is designed to treat aqueous processes in a wide variety of industries.										
Features	<ul style="list-style-type: none"> • Easily dispersed in aqueous processes and solutions • Uniform dilution that is stable for long periods of time. • Highly effective as an antifoam 										
Applications	<ul style="list-style-type: none"> • Textiles – conventional or high temperature dyeing, printing and finishing processes • Paper & Pulp – foam control • Oil & Petroleum - alkanolamine washing of natural or refinery gases. • Agriculture Chemicals – water-based plant protection formulations, including sions, micro- sions, suspensions and soluble liquids – for growing crops only 										
Typical Properties	<table border="1"> <tr> <td>• Appearance</td> <td>milky liquid</td> </tr> <tr> <td>• Solids, %</td> <td>35</td> </tr> <tr> <td>• Specific Gravity</td> <td>1.00</td> </tr> <tr> <td>• pH</td> <td>7</td> </tr> <tr> <td>• Diluent</td> <td>water</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	milky liquid	• Solids, %	35	• Specific Gravity	1.00	• pH	7	• Diluent	water
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Instructions for use	<p>Silcolapse® 1824 can be used as supplied or pre-diluted to a concentration of between 1 and 10% by slowly adding 90 to 99 parts of water to 1 to 10 parts of Silcolapse® 1824 using gentle stirring. Do not use high shear rate agitation.</p> <p>The above stated concentrations are only examples. Users should make systematic tests in order to find the optimum concentration of Silcolapse® 1824. This will be dependent on the composition of the medium being de-foamed, the temperature and pH of the medium, and the amount of agitation available. Generally, a dosage of 10mg Silcolapse® 1824 per kg of medium can be used initially, then increased or decreased based on defoaming results.</p>										
Regulatory Information	<p>EPA Pesticide Chemical Regulations</p> <p>The Ingredients in Silcolapse® 1824 are exempt from the requirement of a tolerance under EPA regulations:</p> <ul style="list-style-type: none"> • 40 CFR 180.920 for use on growing crops only 										
Storage and shelf life	<p>Stored in the original, unopened container at temperatures between +2°C and 30°C, Silcolapse® 1824 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.</p>										
Safety	<p>Product safety information required for safe use is not included. Before handling, please read the Material Safety Data Sheet (MSDS) and container labels for safe use, physical and health hazard information. To obtain a material safety data sheet for this product contact Elkem Silicones at 866-474-6342.</p>										
Packaging	Silcolapse® 1824 is available in 200 Kg. containers.										

Visit our website www.silicones.elkem.com

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Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.