

Silcolapse® 432**Silicone Defoamer**

November 2017

Description **Silcolapse® 432** A non-ionic, polydimethylsiloxane oil based, aqueous emulsion. Product contains 30 % of active ingredients, recommended for the prevention, control or the elimination of foams in aqueous media.

Features

- Easily dispersed in aqueous processes and solutions
- Uniform dilution that is stable for long periods of time.
- Highly effective at high temperatures.

Applications

- Textiles – conventional or high temperature dyeing, printing and finishing processes
- Oil & Petroleum - alkanolamine washing of natural or refinery gases.
- Household Maintenance products such as detergent formulations to control foaming
- Agriculture Chemicals – water-based plant protection formulations

Typical Properties

• Appearance	uniform, milky liquid
• Actives, %	30
• pH, approx.	6
• Specific Gravity	1.00
• Diluents	water-soluble/dispersible solvents

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.

Instruction for use **Silcolapse® 432** can be used as supplied or pre-diluted to a concentration of between 1 to 10% by slowly adding 90 to 99 parts of water to 1 to 10 parts of **Silcolapse® 432** using gentle stirring.

The above stated concentrations are only examples. Users should make systematic tests in order to find the optimum concentration of **Silcolapse® 432**. This will be dependent on the composition of the medium being defoamed, the temperature and pH of the medium, and the amount of agitation available. Generally, a dosage of 10mg **Silcolapse® 432** per kg of medium can be used initially, then increased or decreased based on defoaming results.

Regulatory Information EPA Pesticide Chemical Regulations
The Ingredients in **Silcolapse® 432** are exempt from the requirement of a tolerance under EPA regulations:

- 40 CFR 180.920 for use on growing crop only

Storage and shelf life **Silcolapse® 432** may be stored for up to 9 months from its date of manufacture when stored on its original unopened packaging at a temperature of between + 2 and + 30 °C..

Safety 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 at 866-474-6342.

Packaging **Silcolapse® 432** is available in 200 kg containers.

Visit our website www.silicones.elkem.com

Silcolapse® 432

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