

Silcolapse® 426R

Silicone Emulsion

November 2017

Description **Silcolapse® 426R** is a water soluble 30% active defoamer designed for use in a variety of industrial applications. It effectively controls foam at concentrations as low as 10 ppm, even at elevated temperatures and under pressure. **Silcolapse® 426R** gives good results at any pH and is particularly effective in alkaline conditions.

Applications	Industrial <ul style="list-style-type: none"> • Starch production • Adhesive production • Soap and industrial detergent manufacturing • Insecticides, fungicides and pesticides 	Paper Manufacturing <ul style="list-style-type: none"> • Wood Pulp Processing • Wash tanks • Glues and pastes
	Petroleum Refining <ul style="list-style-type: none"> • Gas scrubbing • Antifreeze additives • Cutting Oil additives • Asphalt production 	Synthetic Rubber Processing
	Textiles <ul style="list-style-type: none"> • Sizing and Bleaching • High Temperature Dyeing • Printing • Finishing 	Waste Water Treatment
		Sea Water Distillation
		Paints, Inks and Varnishes <ul style="list-style-type: none"> • Manufacture of aqueous pigments in alkaline pH
		Pesticides (refer to regulation listed below)

Features

- Easy to use – as supplied or pre-diluted in water or in the medium to be defoamed
- Cost efficient, effective in doses as low as 10 ppm
- Highly effective in most aqueous media, and at all pH levels, especially alkaline
- Chemically inert in foaming systems – will not alter the properties of the foaming med.
- Heat resistant – withstands temperatures up to 120°C (248°F)
- Low viscosity allows it to be used with automatic injection systems

Typical Properties

• Appearance	grey liquid
• Silicone Actives, %	25
• Specific Gravity	~1.0
• Emulsion System	nonionic
• Product pH	6.0 – 8.0
• Diluents	water
• Viscosity range (20°C), cPs	2000 - 4000

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.

Instructions for use Trial tests should be carried out to determine the quantity of antifoam needed to produce best results. Testing should be started at 10 ppm and increased or decreased based on the results. For maximum efficiency, predilute 1% active solution by adding 29 parts water (or foaming solution) to 1 part **Silcolapse® 426R**. Predilutions at level less than 1% are not recommended.

Regulatory Information **EPA Pesticide Chemical Regulations**
The Ingredients in **Silcolapse® 426R** are exempt from the requirement of a tolerance under EPA regulations: 40 CFR 180.920 for use on growing crops only

Storage and shelf life **Silcolapse® 426R** when stored in the original, unopened container between (5-40°C) can be stored for 12 months from the date of manufacture. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

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Safety	Please read the container labels for Silcolapse® 426R 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.
Packaging	Silcolapse® 426R is available in 200 kg drums.

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Warning to the users

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