

Silcolapse® RG 12

Foam Control Emulsion

November 2017

Description **Silcolapse® RG 12** is a 10% active silicone emulsion designed for controlling foam in a wide range of aqueous or alcoholic media.

Applications

- Easy dispersion within aqueous media
- Homogenous and stable emulsion
- High foam control efficiency in many applications

Industries where Silcolapse® RG 12 may be used

- **Pulp and Paper:** various processing steps (cooking, washing, screening, bleaching)
- **Detergency:** liquids and powder detergents, soaps
- **Chemicals:** distillations, extractions, filtrations
- **Oil Industries:** extractions, butadiene process, amine-sweetening units
- **Water Treatment:** biological step

Typical Properties	<u>Property</u>	<u>Value</u>
	• Appearance	White Liquid
	• Solids, %	18
	• Emulsifier type	Non-Ionic
	• Actives, %	10
	• Specific gravity	1.0
	• pH	8
	• Recommended dosage, ppm	1 to 100

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 **Silcolapse® RG 12** can be used as delivered, or pre-diluted in water or the foaming media. In pre-diluting, add the water or media to the antifoam slowly under slight agitation (avoid high shear mixing). It is recommended not to dilute less than 1% active material. Diluted material can be stored for up to 24 hours.

Regulatory Information **EPA Pesticide Chemical Regulations:**
Silcolapse® RG 12 is on the US EPA Inert Ingredient list for non-food uses.

Storage and shelf life When stored in its original unopened packaging, at a temperature between 2 to 35 degrees Celsius, **Silcolapse® RG 12** may be stored for up to 12 months from the date of manufacture. After this date, Elkem Silicones no longer guarantees that the product meets sales specifications.

Safety Please read the container labels for **Silcolapse® RG 12** 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® RG 12** is available in 25 kg and 200 kg containers.

Visit our website www.silicones.elkem.com

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EUROPE

Elkem Silicones France
21 Avenue Georges Pompidou
F69486 Lyon Cedex 03
FRANCE
Tel. (33) 4 72 13 19 00
Fax (33) 4 72 13 19 88

NORTH AMERICA

Elkem Silicones USA
2 Tower Center Boulevard
Suite 1601
East Brunswick, NJ 08816-1100
United States
Tel. (1) 732 227-2060
Fax. (1) 732 249-7000

LATIN AMERICA

Elkem Silicones Brazil Ltda.
Av. Duquesa de Goiás, 716
2º andar
05680-002 Sao Paulo
Brazil
Tel. (55) 11 4380-6900

ASIA PACIFIC

Elkem Silicones Hong Kong
Trading Co. Ltd
29th Floor, 88 Hing Fat Street
Causeway Bay
Hong Kong
Tel. (852) 3106 8200
Fax (852) 2979 0241

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