

Description

SILCOLAPSE 825 is a 100% active medium viscosity silicone foam control compound.

SILCOLAPSE 825 is part of family of high performance foam control compounds specially designed to control foam in aggressive foaming media with a very easy handling and processing.

Examples of applications

SILCOLAPSE 825 is used as is or formulated into emulsions used to control foam in high foaming and chemically aggressive foaming media.

- **Pulp industry:**
Chemical pulping operations like digestion and brown stock washing.
- **Oil & Gas industry:**
Upstream and downstream processes.
- **Aggressive Chemical Processes:**
Any chemical process where standard performance antifoams provide only a marginal benefit.

Key benefits

- Excellent antifoam efficiency with long lasting foam control performance.
- High persistence even in alkaline conditions and at high temperatures.
- Highly efficient compared to conventional organic oil-based antifoams.
- Excellent pulp drainage.

Typical properties

<i>Properties</i>	SILCOLAPSE 825
Appearance	Grey/white translucent liquid
Active matter content, %, approx.	100
Viscosity, mPa.s	20000 to 40000

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use

SILCOLAPSE 825 is efficient in aqueous and non-aqueous media.

SILCOLAPSE 825 is normally used at low concentrations between 1 and 100 mg/kg (or per litre). In pulp and paper applications typical use rates for 10 % emulsions are 100-2000 grams per ton of pulp.

SILCOLAPSE 825 can be:

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- Formulated into an aqueous emulsion by using commercially available emulsifiers or silicone emulsifiers like BLUESIL SP 3300.
- Formulated with other Elkem SILCOLAPSE compounds in order to improve or change certain performance parameters.
- Formulated with hydrocarbon/oxygenated solvents for some aqueous/non aqueous media.

Regulation compliancy: compliant with some Food Contact Regulations, please contact us if more information or certificates are requested.

Contact your local Elkem Silicones Technical Services experts for any information.

Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none">• SILCOLAPSE 825 is available in<ul style="list-style-type: none">○ Tote bin of 1000 KG (2205 LB)○ Drum of 200 KG (441 LB)○ Pail of 20 KG (44.1 LB)
Storage and shelf life	<p>When stored in its original packaging: SILCOLAPSE 825 may be stored at a temperature between -20 °C/ -4 °F and 40 °C/ 104 °F for up to 12 months from its date of manufacturing.</p> <p>Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.</p>
Safety	Please consult the Safety Data Sheet of: SILCOLAPSE 825

Visit our website www.silicones.elkem.com

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.