

Description **SILCOLAPSE 801 U1** is a 100% active high viscosity foam control compound.
SILCOLAPSE 801 U1 is part of family of high performance foam control agent specially designed to control foam in aggressive foaming media.

Examples of applications **SILCOLAPSE 801 U1** is used as is or formulated into emulsions which can be used in control foam in high and aggressive foaming media such as:

- Pulp industry: Recommended for use in the various processing steps (cooking, washing, screening, bleaching and sewage treatment).
- Detergency: Liquids and powdered detergent, soap.
- Chemicals: Distillation, extraction, filtration.

SILCOLAPSE 801 U1 can be used in emulsion form or as a booster to silicon and/or organic components.

- Key benefits**
- Excellent defoaming efficiency with long lasting foam control performance.
 - High efficiency in alkaline conditions and at high temperature.
 - Low dose efficiency, at around 1 to 100 mg per kg of system to be defoamed.
 - Pulp washing efficiency and pulp quality are improved.
 - Excellent pulp drainage.

Typical properties

	SILCOLAPSE 801 U1
Color	Grey white
Dry content	100 %
Viscosity ISO 2555	70000 cP

Appearance..... Grey/white translucent viscous

Active matter content, %, approx..... 100

Viscosity, mPa.s, approx..... 70000

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 801 U1** is as efficient in aqueous and anhydrous media.
SILCOLAPSE 801 U1 is normally used at concentrations between 1 and 100 mg/kg (or per litre) of system to be defoamed.

SILCOLAPSE 801 U1:

- Is efficient in aqueous and non-aqueous media.
- Is normally used at low concentrations between 1 and 100 mg/kg (or per liter).
- Can be formulated into an aqueous emulsion by using commercially available emulsifiers or silicone emulsifiers like BLUESIL SP3300.
- Can be formulated with other Bluestar SILCOLAPSE compounds in order to improve or change certain performance parameters.
- Can be formulated with hydrocarbon/oxygenated solvents for some aqueous/non aqueous media.

SILCOLAPSE 801 U1

Technical Data Sheet n° 2750-V2 – 2018/11/05

Regulation compliancy: please contact your local customer service.
Contact your local Elkem Silicones Technical Services Lab for any information.

Packaging	<ul style="list-style-type: none">• SILCOLAPSE 801 U1 is available in<ul style="list-style-type: none">○ Tote bin of 1000 KG (2205 LB)○ Pail of 20 KG (44.1 LB)○ Drum of 200 KG (441 LB)
Storage and shelf life	When stored in its original packaging: SILCOLAPSE 801 U1 may be stored for up to 18 months from its date of manufacturing. 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.
Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Safety	Please consult the Safety Data Sheet of: SILCOLAPSE 801 U1

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.