

SILCOLAPSE 426R U1

Description **SILCOLAPSE 426R U1** is a non-ionic aqueous emulsion based on polydimethylsiloxane oil. It has 30% active matter content and is recommended for the prevention, control or elimination of foam in aqueous systems.

Examples of applications **SILCOLAPSE 426R U1** is multi-purpose: it therefore has applications in all types of industries that are faced with problems of controlling problem foams in aqueous systems, at all pH's.

- Oil and petrochemicals:
 - Scrubbing of natural or refinery gas with alkanolamines
 - Production of bitumen emulsions
- Agrochemicals: Pesticide compounds (aqueous dispersions)
- Chemicals: Distillation, Production of adhesives and glues
- Textiles industry: Dyeing, printing, oiler rolling.
- Rubber: Compounding of natural or synthetic latex
- Paints inks, varnish: Production and filling
- Homecare products: Production and filling of polishes
- All industries: Effluent treatment

Key benefits

- Easy to use: it can be used as delivered, or pre-diluted in water or in the aqueous system to be defoamed.
- Low dose efficiency, of around 10 to 1000 mg per kg of system to be defoamed.
- Chemically inert with regards to the substance to be defoamed therefore leaving its properties unchanged.
- Good heat stability: can be heated to for 1 hour without modification of its characteristics or performance levels.

Typical properties

Appearance	uniform, fluid emulsion
Colour	creamy white
Odour	none to weak
Dry matter content, %, approx	30
Specific gravity at , approx	1.0
pH, approx.	6.5
Emulsifier	non ionic
Diluent	water
Effective concentrations, mg/kg	10 to 1,000

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 426R U1** is most efficient in aqueous systems :

- at all pH's
- in highly turbulent systems.

SILCOLAPSE 426R U1 is normally used at concentrations of between 10 and 1000 mg/kg (or per litre) of system to be defoamed.

SILCOLAPSE 426R U1 is ready to use as delivered, or it can be pre-diluted to around 1% active matter by slowly adding, 29 parts water or foaming system to 1 part of antifoam. Doing this in reverse order is not recommended.

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Prediluting in this manner makes it easier to disperse the antifoam in the system to be defoamed and enables more accurate dosage.

Comment: it is not recommended to store solutions of SILCOLAPSE 426R pre-diluted to less than 1% dry content due to their limited stability over time

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 426R U1 is available in<ul style="list-style-type: none">○ Tote bin○ Tote bin of 1000 KG (2205 LB)○ Drum of 200 KG (441 LB)○ Pail of 20 KG (44.1 LB)
Storage and shelf life	When stored in its original packaging: SILCOLAPSE 426R U1 may be stored at temperatures between 2°C / 36°F and 40°C / 104°F for up to 15 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.
Safety	Please consult the Safety Data Sheet of: SILCOLAPSE 426R U1

Visit our website www.elkem.com/silicones/

Warning to the users

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