

Description SILCOLAPSE 426R 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 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

	SILCOLAPSE 426R
Color European Pharmacopea	White / Cream
Dry content	30 %
pH ISO 976	6

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
 Emulsifiernon ionic
 Diluent..... water
 Effective concentrations, mg/kg 10 to 1,000

SILCOLAPSE 426R

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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	<p>SILCOLAPSE 426R is most efficient in aqueous systems :</p> <ul style="list-style-type: none">- at all pH's- in highly turbulent systems. <p>SILCOLAPSE 426R is normally used at concentrations of between 10 and 1000 mg/kg (or per litre) of system to be defoamed.</p> <p>SILCOLAPSE 426R 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.</p> <p>Doing this in reverse order is not recommended.</p> <p>Prediluting in this manner makes it easier to disperse the antifoam in the system to be defoamed and enables more accurate dosage.</p> <p>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</p>
Packaging	<ul style="list-style-type: none">• SILCOLAPSE 426R is available in<ul style="list-style-type: none">○ Drum of 200 KG (441 LB)○ Pallet of 1000 KG (2205 LB)○ Drum of 25 KG (55.13 LB)○ Drum of 25 KG (55.13 LB)
Storage and shelf life	<p>When stored in its original packaging:</p> <p>SILCOLAPSE 426R may be stored for up to 15 months from its date of manufacturing.</p> <p>Comply with the storage instructions and expiry date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.</p>
Regulation	<p>Please consult your local ELKEM SILICONES sales office.</p>
Limitations	<p>Please consult your local ELKEM SILICONES sales office.</p>
Safety	<p>Please consult the Safety Data Sheet of: SILCOLAPSE 426R</p>

Visit our website www.silicones.elkem.com

Warning to the users

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