Specialty Fluids

Silcolapse® 140

Silicones | Delivering your potential

Antifoams

November 2017

Description	**Silcolapse® 140** is a non-ionic aqueous emulsion containing dimethylpolysiloxane, and is highly effective for prevention, control and elimination of foam in aqueous media. Active ingredient concentration is 30%, offering the advantage of very quick action and long duration of the defoaming effect. **Silcolapse® 140** is designed exclusively for industrial use.
Examples of applications	**Silcolapse® 140** is a general purpose defoamer, particularly suitable for use in industrial processes, such as: • Gas and petrol extraction processes. • Extraction, distillation and dehydration processes. • Surfactant preparations, soap manufacture and liquid detergents. • Manufacture of adhesives, glues and emulsions paints. • Aqueous dispersion of plant protection products. • Preparations for washing and degreasing metals. • Waste water treatment.
Advantages	**Silcolapse® 140** disperses easily in aqueous media, with normal use of 10 to 500 mg per kg (or litre) of the media to defoam. **Silcolapse® 140** may be used directly as supplied, or diluted in water or in the medium to be defoamed to a concentration of 1% of active ingredient. The antifoam should be diluted by adding water slowly to the product while mixing it. Dilution promotes dispersion of the antifoam in the medium to defoam and allows better control of the dosage of the product. The user has to determine the appropriate efficiency of the antifoam according to their own tests, depending on various factors, such as the chemical composition of the medium, the nature of the process, temperature, pH, etc ...
Characteristics	Appearance ..... milky liquid Colour .....white Active ingredient .....approx. 30% Density at 25ºC .....approx. 1.0 pH .....approx 7.5 Emulsifier type ..... non-ionic Diluent .....water Recommended dosage .....10 to 500 mg/kg
Packaging	**Silcolapse® 140** is delivered in the following packaging: 25 kg, 200 kg and 1000 kg.
Storage and shelf life	When stored in its original unopened packaging, at a temperature of between +2°C and +30°C, **Silcolapse® 140** may be stored for up to 12 months from the date of manufacture clearly marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets thesales specifications.
Safety	Please consult the Safety Sheet of **Silcolapse® 140**.

Visit our website www.silicones.elkem.com

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Silcolapse® 140

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