

SILCOLAPSE 723

Description

SILCOLAPSE™ 723 is a non-ionic aqueous 30% active silicone antifoam and/or defoamer. It offers excellent antifoam and defoaming properties in a wide variety of aqueous applications including those with incidental food contact as well as food processing applications. The product effectively controls foam at concentrations as low as 10 ppm solids, even at elevated temperatures. The product gives good results at wide-ranging pH and provides a cost effective solution where foam is a problem.

Examples of applications

SILCOLAPSE™ 723 is a broad spectrum antifoaming and defoaming agent which can be used to control or destroy foam in many industrial, food processing and food contact applications. Typical applications in which it can be used include:

- Beverages, Juices, Sauces and Soup: Many food and beverage applications generate foam, SILCOLAPSE™ 723 will reduce or eliminate foam problems during the processing of many food and beverage applications
- Fruit and Vegetable Washing and Processing: Many fruit and vegetable processes generate foam, SILCOLAPSE™ 723 will reduce or eliminate foam in raw fruit and vegetable washing, potato processing and sugar beet and sugar cane processing
- Dairy Products: Dairy and cheese production and processing can generate foam SILCOLAPSE™ 723 will reduce or eliminate foam problems during the processing in many dairy production processes
- Meat, Poultry and Seafood: Meat, poultry and seafood production and processing can generate foam SILCOLAPSE™ 723 will reduce or eliminate foam problems in meat and poultry rendering, egg washing and seafood processing and production
- Fats and oils: Production and processing materials into edible fats and oils can generate foam SILCOLAPSE™ 723 will reduce or eliminate foam problems during processing and production
- Water / Effluent Treatment: Aerobic and anaerobic water treatment; activated sludge processes, food plant waste water treatment and cooling towers

Key benefits

- Easy to use – as supplied or pre-diluted in water or in the medium to be defoamed
- Cost efficient, effective in doses as low as 10 ppm
- Highly effective in most aqueous media, and at many pH levels
- Chemically inert in foaming systems – will not alter the properties of the foaming medium
- Heat resistant – works at application temperatures up to 120°C (248°F)
- Low viscosity allows it to be used with automatic metering systems
- Kosher certified

Typical properties

Property	SILCOLAPSE™723
Appearance	Opaque white liquid
Actives, %	30
Specific Gravity	1.0
Viscosity (cPs)	500 – 3000
Emulsifier Type	Non-ionic

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pH	4.5 to 6
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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	Trial tests should be carried out to determine the quantity of antifoam needed to produce best results and assure no adverse interference with product or process performance. Testing should be started at 10 ppm and increased or decreased based on the results. For convenience, SILCOLAPSE™723 is designed to be used as is so no dilution is necessary. If needed, a 1% active solution can be made by adding 29 parts water (or foaming solution) to 1 part SILCOLAPSE™723. Predilution at a level of less than 1% is not recommended. Infrequently, separation can occur during transport or storage; if this occurs, agitate gently until homogeneous.
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 723 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	When stored in its original packaging: SILCOLAPSE 723 may be stored at temperatures between 2°C / 36°F and 40°C / 104°F for up to 12 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 723

Visit our website www.elkem.com/silicones/

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.