

# Silcolapse® 710

October 2017

## Silicone Antifoam Compound

**Description** **Silcolapse® 710** is a 100% active silicone antifoam and/or defoamer. It offers excellent antifoam and defoaming properties in a wide variety of aqueous and non-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.

**Applications** **Silcolapse® 710** 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® 710** 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® 710** 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® 710** 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® 710** 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® 710** 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

**Advantages**

- Effective in alkaline conditions
- Easy to use, either as is or pre-diluted
- Cost efficient, effective at low doses
- Chemically inert, will generally not alter the properties of the foaming medium
- Effective at high temperatures
- Kosher certified

**Characteristics**

|              |                              |
|--------------|------------------------------|
| • Appearance | Grey/white opalescent liquid |
| • Actives, % | 100                          |
| • Diluents   | Hydrocarbon solvents         |

Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of SILCOLAPSE® silicone materials. Please contact our Technical Service Department for assistance in writing specifications.







# Elkem

## Silcolapse® 710

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|-----------------------------------|--|
| <b>Instructions for use</b>       | 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.  |
| <b>FDA Regulatory Information</b> | <b>FDA Status</b><br>The Ingredients in <b>Silcolapse® 710</b> are permitted for FDA regulated applications as follows: <ul style="list-style-type: none"> <li>• 21 CFR 175.105 Adhesives</li> <li>• 21 CFR 173.340 Defoaming agents</li> <li>• 21 CFR 176.200 Defoaming agents used in coatings</li> <li>• 21 CFR 176.210 Defoaming agents used in the manufacture of paper and paperboard</li> </ul> |
| <b>EPA Regulatory Information</b> | <b>EPA Pesticide Chemical Regulations</b><br>The Ingredients in <b>Silcolapse® 710</b> are exempt from the requirement of a tolerance under EPA regulations: <ul style="list-style-type: none"> <li>• 40 CFR 180.910</li> </ul>  |
| <b>Packaging</b>                  | <b>Silcolapse® 710</b> is available in 1000 kg tote containers, 200 kg drums and 20 kg pails.  |
| <b>Storage and shelf life</b>     | <b>Silcolapse® 710</b> when stored in the original, unopened container between (5-40°C), can be stored for 12 months from the date of manufacture. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.   |
| <b>Safety</b>                     | Please read the product label for <b>Silcolapse® 710</b> and consult the Safety Data Sheet (SDS) before handling to review hazards as well as safe handling and storage information. If you need to obtain the SDS for <b>Silcolapse® 710</b> , please contact your Elkem Silicones representative.  |

**Silcolapse®** is a registered Trademark of **Elkem SILICONES**

|  EUROPE  |  NORTH AMERICA  |  LATIN AMERICA  |  ASIA PACIFIC  |
|---|--|--|---|
| Elkem Silicones France<br>21 Avenue Georges Pompidou<br>F69486 Lyon Cedex 03<br>FRANCE<br>Tel. (33) 4 72 13 19 00<br>Fax (33) 4 72 13 19 88 | Elkem Silicones USA<br>Two Tower Center Boulevard<br>Suite 1601<br>East Brunswick, NJ 08816-1100<br>United States<br>Tel. (1) 732 227 2060<br>Fax (1) 732 249 7000 | Elkem Silicones Brazil Ltda.<br>Av. Maria Coelho Aguiar, 215<br>Bloco G -1º Andar<br>05804-902 - São Paulo - SP -<br>Brazil<br>Tel. (55) 11 3747 7887<br>Fax (55) 11 3741 7718 | Elkem Silicones Hong Kong<br>Trading Co. Ltd.<br>Unit C, 18/F Manulife Tower<br>169 Electric Road<br>North Point-Hong Kong<br>Tel. (852) 3106 8200<br>Fax (852) 2979 0241 |

**Warning to the users**

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