

Silcolapse® 910

Antifoams

November 2017

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| Description | <p>Silcolapse® 910 is a 100% active foam control agent.</p> <p>Silcolapse® 910 is the latest generation of high performance foam control agent specially designed for aggressive foaming environments.</p> |
| Applications | <p>Silcolapse® 910 can be used as such or formulated into emulsions in different fields of use like:</p> <ul style="list-style-type: none"> • Pulp industry: various processing steps particularly in chemical pulping operations (black liquor, waste water). • Oil & Gas industry: drilling, cementing. • Chemicals, cleaning, and waste water treatment. |
| Advantages | <ul style="list-style-type: none"> • Easy handling and processing thanks to lowest viscosity. • Excellent foam knockdown and persistency at low use amounts. • Improved drainage in pulp washing process and reduced bleaching chemicals costs. • Suitable for both softwood and hardwood applications. • Versatility for formulating aqueous dispersions and emulsions. • High efficiency in alkaline conditions and at high temperature. • Highly efficient compared to conventional organic oil-based antifoams. |
| Characteristics | <p>Appearancegrey/white translucent liquid</p> <p>Active matter content, % approx 100</p> <p>Viscosity, mPa.s, approx. 3000</p> |
| Processing | <p>Silcolapse® 910 is efficient in aqueous and non-aqueous media.</p> <p>Silcolapse® 910 is normally used at low concentrations between 1 and 100 mg/kg (or per liter) of system to be defoamed.</p> <p>Silcolapse® 910 can be formulated:</p> <p>Into an aqueous emulsion by using commercially available emulsifiers or silicone emulsifiers like BLUESIL SP 3300. Silcolapse® 910 can be added to others Elkem Silcolapse® compounds in order to improve performances. BLUESIL BOSTER 100 can also be used to increase defoaming performances of the compound.</p> <p>For anhydrous media with solvents such as aliphatic, aromatic hydrocarbons, but also some ketones and alcohols when used in aqueous media.</p> <p>Regulation compliancy: compliant with some Food Contact Regulations, please contact us if more information or certificates are requested.</p> <p>Contact your local Elkem Silicones Technical Services experts for any information.</p> |
| Packaging | Silcolapse® 910 is normally delivered in 800 kg containers and 200 kg drums. |
| Storage and shelf life | <p>When stored in its original packaging at a temperature of between -20°C and +50°C, Silcolapse® 910 may be stored for up to 12 months from its date of manufacture.</p> <p>Comply with the storage instructions and expiry date marked on the packaging.</p> <p>Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.</p> |

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Safety

Please consult the Safety Data Sheet of **Silcolapse® 910**.

Visit our website www.silicones.elkem.com

EUROPE

Elkem Silicones France
21 Avenue Georges Pompidou
F69486 Lyon Cedex 03
FRANCE
Tel. (33) 4 72 13 19 00
Fax (33) 4 72 13 19 88

NORTH AMERICA

Elkem Silicones USA
2 Tower Center Boulevard
Suite 1601
East Brunswick, NJ 08816-1100
United States
Tel. (1) 732 227-2060
Fax. (1) 732 249-7000

LATIN AMERICA

Elkem Silicones Brazil Ltda.
Av. Duquesa de Goiás, 716
2º andar
05680-002 Sao Paulo
Brazil
Tel. (55) 11 4380-6900

ASIA PACIFIC

Elkem Silicones Hong Kong
Trading Co. Ltd
29th Floor, 88 Hing Fat Street
Causeway Bay
Hong Kong
Tel. (852) 3106 8200
Fax (852) 2979 0241

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