



SILCOLAPSE®
Emulsions

Bluestar Silicones. Delivering Your Potential.

BLUESTAR
SILICONES

SILCOLAPSE® emulsions markets

| Markets/ SILCOLAPSE® emulsions | Oil & Gas Cementing drillings muds | Oil & Gas Gas treatment | Agrochemicals | Water treatment | Chemicals | Distillation | Food | Textile & leather industries |
|--------------------------------------|--|-------------------------------|---------------|--------------------|-----------|--------------|------|------------------------------------|
| RG12 | ■ | ■ | | ■ | ■ | | | |
| 422 | | | | | ■ | | | |
| 5001 | | | ■ | | ■ | | | ■ |
| 137 | ■ | ■ | | | ■ | ■ | | |
| 414 | | | | | ■ | | | |
| RG 22 | ■ | ■ | | ■ | ■ | | | |
| 5020 | | | ■ | | ■ | | | ■ |
| 140 | ■ | | ■ | ■ | ■ | | | ■ |
| 426R | | ■ | ■ | | | | | ■ |
| 432 | | | ■ | | | | | |
| 1824 | | | ■ | ■ | | | | |
| 7140 | | | | | | | ■* | |
| 458 | | ■ | | ■ | ■ | | | ■ |
| RG 11 | | | | ■ | ■ | | | |
| RG 21 | | | ■ | ■ | ■ | | | |
| C 542 | | | | ■ | ■ | | | ■ |
| C 585 | | | | ■ | ■ | | | ■ |
| C 546 | | | | | ■ | | | ■ |

* Depending the applicable regulations, can be authorized in food contact and indirect food additives applications but not as food additive.

European range
Latin American range
Asian range
North American range

Most of the above products are available in all zones, please contact your local Bluestar Silicones representative for detailed information.

■ SILCOLAPSE® emulsions global range

| SILCOLAPSE® Emulsions | Active content % | Viscosity approx mPas | Regulatory status ⁽¹⁾ | Features |
|-----------------------|------------------|-----------------------|----------------------------------|--|
| RG12 | 10 | 200 | EPA | <ul style="list-style-type: none"> Effective in wide pH range, multipurpose Good long term efficiency Easy handling, low viscosity |
| 422 | 10 | 300 | EPA BfR | <ul style="list-style-type: none"> Easy to dilute, good aspect after dilution Polyvalence Easy handling |
| 5001 | 10 | 500 | | <ul style="list-style-type: none"> Easy to disperse Stability of the dispersion |
| 137 | 10 | 2000 | | <ul style="list-style-type: none"> Cost effective emulsion |
| 414 | 15 | 3000 | | <ul style="list-style-type: none"> Efficiency in aggressive media (acid pH) |
| RG22 | 20 | 1000 | | <ul style="list-style-type: none"> Effective in wide pH range, multipurpose Excellent long term efficiency Easy handling |
| 5020 | 20 | 1500 | EPA FDA - BfR | <ul style="list-style-type: none"> Easily dispersible in aqueous media Homogeneous and high stability |
| 140 | 30 | 100 | | <ul style="list-style-type: none"> Easy handling Long term action in alkaline media (oil & gas industry) High active content |
| 426R | 30 | 100 | EPA FDA - BfR | <ul style="list-style-type: none"> Easy to use Low dose, efficient for highly turbidity systems Very good heat stability (120-130 °C) |
| 432 | 30 | 1500 | EPA | <ul style="list-style-type: none"> Tailormade for agrochemicals |
| 1824 | 30 | 1500 | EPA | <ul style="list-style-type: none"> Excellent knock down efficiency |
| 7140 | 30 | 100 | FDA - BfR Kosher | <ul style="list-style-type: none"> Food contact & process aid approvals ⁽²⁾ |
| 458 | 50 | 4000 | Kosher | <ul style="list-style-type: none"> High active content Easy to formulate Stable once diluted |

(1) Our technical and product stewardship teams support our customers to answer all questions regarding compliances with regulations.

(2) Depending on the applicable regulations, can be authorized in food contact and indirect food additives applications but not as a food additive.

SILCOLAPSE® emulsion ranges by zone

Latin American range

| SILCOLAPSE® emulsion | Active content % | Viscosity approx mPas | Regulatory status | Features |
|----------------------|------------------|-----------------------|-------------------|---|
| RG 11 | 10 | 100 | | <ul style="list-style-type: none"> Good performance in wide pH range (especially in acid pH) Good stability |
| RG 21 | 20 | 100 | | <ul style="list-style-type: none"> Good performance in wide pH range (especially in acid pH) Good stability, specially designed for agrochemicals (pesticides, fertilizers) High defoaming performance |

Asian range

| SILCOLAPSE® emulsion | Active content % | Viscosity approx mPas | Regulatory status | Features |
|----------------------|------------------|-----------------------|-------------------|---|
| 5020 | 20 | 1500 | EPA FDA - BfR | <ul style="list-style-type: none"> Easily dispersible in aqueous media Homogeneous and high stability |
| C 542 | 20 | 2000 | | <ul style="list-style-type: none"> Excellent long term efficiency Good performance in high pH environment |
| C 585 | 22 | 1000 | | <ul style="list-style-type: none"> Excellent performances/stability under high temperature (70 °C) |
| C 546 | 46 | 500 | | <ul style="list-style-type: none"> Good performance in high pH environment High active content |

North American range

| SILCOLAPSE® emulsion | Active content % | Viscosity approx mPas | Regulatory status | Features |
|----------------------|------------------|-----------------------|-------------------|--|
| 426R | 30 | 100 | EPA FDA - BfR | <ul style="list-style-type: none"> Easy to use Low dose, efficient for highly turbidity systems Very good heat stability (120-130 °C) |

Products from the global range are also commercially available in the above zones.

Please contact your local Bluestar Silicones representative for detailed information.

For detailed commercial contacts please visit our website:
www.bluestarsilicones.com

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