



Technical Data Sheet

DOWSIL™ FS-2638 Antifoam Fluid

100% active fluorosilicone polymer

Features & Benefits

- Highly efficient and persistent antifoam
- Insoluble in a wide variety of solvents
- Stable to chemical, thermal oxidative attack
- Low surface tension
- High flash point

Applications

- Gas/oil separation antifoam.
- Increases separator throughput and production efficiency.
- Foam control in non-aqueous petroleum, oil and gas applications.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Appearance		Clear/ hazy liquid
Specific gravity		1.15
Viscosity at 25°C	mm ² /s	10,000
Flash point – closed cup	°C	> 100

How To Use

DOWSIL™ FS-2638 Antifoam Fluid should be diluted before using a suitable polar solvent, e.g. Exxate 700 from Exxon Chemicals or suitable ketones or cellosolve acetate. Dilution should be to a level of 3–5% silicone solids. Continuous injection of the product, upstream from the foam formation point, is recommended using existing chemical injection pumps.

Although DOWSIL FS-2638 Antifoam Fluid is efficient at breaking down foam, it is preferable and more economical to add the material to prevent foam forming in the first place.

A concentration of 1–2 ppm active silicone or lower will normally control or eliminate foam. Initially a high level should be selected which can then be reduced to determine the optimum concentration.

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DOWSIL™ FS-2638 Antifoam Fluid

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Handling
Precautions

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Usable Life And
Storage

When stored at or below 37°C in the original unopened containers, this product has a usable life of 24 months from the date of production.

Packaging

This product is available in 500 lb drums, 25 kg pails and 1 kg samples.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health And
Environmental
Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

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