



Technical Data Sheet

DOWSIL™ FBL-1165 Formulated Blend

FEATURES & BENEFITS

- Antifoam specifically formulated for non-aqueous foaming processes
- Efficient antifoam for crude oil/gas separation especially at high gas/oil ratio
- Effective at low concentrations
- Ready to use
- Good thermal stability
- Low surface tension

White spirit solution of high-viscosity polydimethylsiloxane

APPLICATIONS

- Oil and gas separation
- Delayed coking

TYPICAL PROPERTIES

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

CTM ¹	Property	Unit	Result
0176B	Appearance		Colorless liquid, free of extraneous matter
0242AD	Non-volatile content (2 g/30 minutes/150°C)	%	24
0768C	Specific gravity		0.84
0021A	Flash point – closed cup	°C	64
0050	Viscosity at 24°C – RVT sp 3, 50 rpm	mPa.s	310
0050	Viscosity at -8°C – RVT sp 3, 100 rpm	mPa.s	660
	Suitable solvent		Hydrocarbon

¹CTM: Corporate Test Method, copies of CTMs are available on request.

DESCRIPTION

DOWSIL™ FBL-1165 Formulated Blend is a 24% active solution of very high viscosity siloxane in white spirit.

HOW TO USE

Metering by positive displacement pumps is recommended, to optimize the addition level in continuous or semi-continuous processes.

Usual concentration range of effective foam control is 0.5-10 ppm of DOWSIL FBL-1165 Formulated Blend, and lower, for oil/gas separation.

For application, like delayed coking, evaluation is recommended, in the range of 40-80 ppm.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored at 50°C (122°F) in the original unopened container, this product has a usable life of 36 months from the date of production.

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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