



Technical Data Sheet

DOWSIL™ AFE-1267 Antifoam Emulsion

FEATURES & BENEFITS

- High solid content
- Wide metalworking formulation aid
- Effective in both hot and cold metalworking systems
- Effective in low concentrations
- Excellent performance under wider temperature range
- Easy to use

COMPOSITION

- Milky-white liquid
- Silicone emulsion

DOWSIL™ AFE-1267 Antifoam Emulsion is specially developed for the metalworking fluid (MWF) industry.

APPLICATIONS

- Wide formulation aid, can be used for different metalworking fluid formulations, for example: emulsion, micro-emulsion, soluble or chemical solution.
- Excellent performance under wider temperature range, even under low temperature. Better anti-filtration performance.
- Low appearance impact with the same defoaming performance.
- Metalworking fluid.
- Metal cleaning.

TYPICAL PROPERTIES

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

Test*	Property	Unit	Result
CTM 0176	Appearance		White
CTM 0208	Solid content	%	62
	Suitable diluent		Cool water

*CTM: Corporate Test Method. Copy of CTM is available upon request.

DESCRIPTION

DOWSIL AFE-1267 Antifoam Emulsion is a high solid content product, specially developed for the metalworking fluid industry.

DOWSIL AFE-1267 Antifoam Emulsion provides good defoaming performance and is workable under wider temperature ranges, providing MWF formulation designers more choices for raw materials. The product allows formulators to develop more high efficiency MWF formulations.

HOW TO USE

Add to the formulation directly after the metalworking fluid production has finished.

If DOWSIL AFE-1267 Antifoam Emulsion is not easy to disperse in some metalworking fluid formulations, please dilute antifoam with water before use.

**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.**

This product will freeze at or below 0°C (32°F). If frozen, it can be thawed and used without loss of efficiency. Agitation may be required.

USABLE LIFE AND STORAGE

Product should be stored between 5 and 40°C (41 and 104°F) in original, unopened containers.

During prolonged storage there may be a slight tendency for product separation; therefore, it is recommended that DOWSIL AFE-1267 Antifoam Emulsion be gently agitated prior to use to ensure homogeneity.

DOWSIL AFE-1267 Antifoam Emulsion may freeze below 0°C (32°F). If frozen, allow to thaw at 18–29°C (64.4–84.2°F) for at least one day and agitate gently to assure homogeneity.

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.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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