



Technical Data Sheet

DOWSIL™ 1314 Antifoam Concentrate

White silicone antifoam concentrate (100% active content)

Features & Benefits

- Effective at low dosage
- Good knock down
- Good persistency

Composition

- Silicone antifoam compound
- Surfactants
- (Active content: 100%)

Applications

- Silicone antifoam for pulp washing process
- Silicone antifoam for metal working fluid
- Silicone antifoam for foaming media including nonionic or anionic surfactant

Typical Properties

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

Property	Unit	Result
Appearance		White liquid
Viscosity	mPa/s	800–3000
Non Volatile Content	%	100
Recommended Diluent		Foaming media, water

Description

DOWSIL™ 1314 Antifoam Concentrate is a 100% active silicone concentrate for foam control. It has good thermal stability and can be used in drastic conditions such as pulp washing process. DOWSIL™ 1314 Antifoam Concentrate is also used for foaming solution with nonionic surfactant/ anionic surfactant such as alkylphenol ethoxylated, alkylbenzene sulfonate.

How to Use

DOWSIL™ 1314 Antifoam Concentrate can be used between 100 ppm to 1.0%, but user should determine the best dosage and application method on a small scale test prior to production.

Pulp Washing Process

DOWSIL™ 1314 Antifoam Concentrate must be formulated into a dispersion or emulsion prior to addition to the foaming media.

How to Use (Cont.)**Metal Working Fluid**

DOWSIL™ 1314 Antifoam Concentrate is to be added to fully formulated metal working fluid (MWF) and mixed well to obtain homogenous dispersion. The antifoam mixed MWF is diluted by water prior to apply process.

**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 DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

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, dow.com or consult your local Dow representative.

**Disposal
Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

**Product
Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

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