



## Technical Data Sheet

### DOWSIL™ SH 5561 Emulsion

Milky white silicone antifoam emulsion

#### Features & Benefits

- Effective at low dosage
- Compatible in most systems

#### Composition

- Silicone antifoam compound
- Nonionic surfactants
- Water
- (Active content: 18%)

#### Applications

- General purpose antifoam

#### Typical Properties

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

Property	Unit	Result
Appearance		Milky white liquid
Nonvolatile content	%	15.0–20.0
pH		5.5–8.5

#### Description

DOWSIL™ SH 5561 Emulsion is an antifoam emulsion which is effective for various foaming system. It can be used without dilution and can be applied to foaming media which include nonionic surfactant. DOWSIL™ SH 5561 Emulsion is used for wastewater treatment.

#### How to Use

DOWSIL™ SH 5561 Emulsion can be used various process, but users should determine the best dosage and application method on a small scale test prior to production.

##### Dosage Level

Between 10 to 100 parts per million (active) of DOWSIL™ SH 5561 Emulsion are required in most foaming systems. To determine the optimum concentration, begin with 50 parts per million silicone active of DOWSIL™ SH 5561 Emulsion. The results obtained at this concentration should indicate any needed change in dosage level.

**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](http://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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