



## Technical Data Sheet

### DOWSIL™ BY 16-879 B

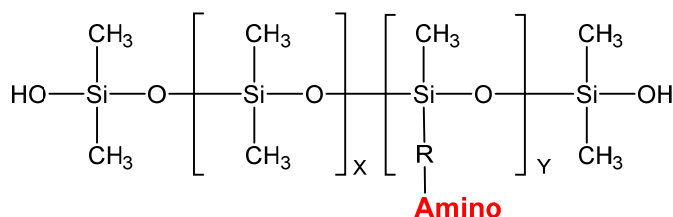
Amino-modified silicone polymer with terminal silanol

#### Features & Benefits

- DOWSIL™ BY 16-879 B is silanol terminal-type silicone oil with reactive amino groups bonded at pendant positions

#### Composition

- Amino-modified silicone polymer with terminal silanol



#### Applications

- Textile softening agent

#### Typical Properties

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

| Property      | Unit               | Result                       |
|---------------|--------------------|------------------------------|
| Appearance    |                    | Translucent to cloudy liquid |
| Viscosity     | mm <sup>2</sup> /s | 1,000–4,000                  |
| Amino Content | %                  | 0.15–0.25                    |

#### Description

DOWSIL™ BY 16-879 B is silanol terminal-type silicone oil with reactive amino groups bonded at pendant positions. DOWSIL™ BY 16-879 B can be emulsified into a milky white emulsion using a variety of commercially available emulsifiers. Such emulsion can be applied for fiber lubricant and textile treatment due to its good absorption to fabric and textiles derived from its amino functionality.

#### 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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