



Technical Data Sheet

DOWSIL™ BY 16-891

Amide-polyether modified silicone fluid

Features & Benefits

- Provide softness

Composition

- Amide-polyether modified silicone fluid

Applications

- Laundry and fabric care
- Softening agent for liquid detergent
- Softening and smoothing (agent) for liquid detergent

Typical Properties

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

CTM ¹	Property	Unit	Result
CTM 0176	Appearance		Pale yellow
CTM 0050	Viscosity (25°C)	mPa s	930
CTM 0094	Amino %	%	0.58
CTM 0002	Refractive index		1.438

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

Description

DOWSIL™ BY 16-891 is Amide-polyether modified silicone fluid, developed as softener for laundry and fabric care.

How to Use

DOWSIL™ BY 16-891 is easy to incorporate into liquid detergent. Suggested use level is 0.5 to 2% for the first try, and then the optimum dosage should be defined for the particular formulation.

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

**Usable Life and
Storage**

Product should be stored at or below 32°C (90°F) in original, unopened containers. This product has a usable life of 540 days (18 months) from the date of production.

**Packaging
Information**

This product is available in 18 kg pails, 200 kg drums.

Samples are available in 100 ml bottles.

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, consumer.dow.com or consult your local Dow representative.

consumer.dow.com

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