



Technical Data Sheet

DOWSIL™ BY 25-339 Cosmetic Fluid

FEATURES

- Oil-in-water and silicone-in-water emulsifier
- Solubilizer for low viscosity silicone fluid
- Low odor

BENEFITS

- Emulsifies and solubilizes silicones into water phase
- Particularly well suited for water-thin products
- Also well suited for clear or slightly hazy products (toners)

COMPOSITION

- 50% Silicone polyether in Dipropylene Glycol

INCI Name: PEG/PPG-30/10 Dimethicone (and) Dipropylene Glycol

APPLICATIONS

- Skin care
- Hair care
- Sun care

TYPICAL PROPERTIES

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

Property	Unit	Value
Appearance		Clear to slightly hazy viscous liquid
Viscosity at 25°C	mm ² /s	5000
Specific gravity		1.04
Refractive index		1.44
Non-volatile content	%	50
Flash point - open cup	°C	100

DESCRIPTION

DOWSIL™ BY 25-339 Cosmetic Fluid is 50% dispersion of a high molecular weight silicone surfactant (polyoxyethylene/polyoxypropylene copolymer) in Dipropylene Glycol.

It is designed to solubilize low viscosity silicone fluid in aqueous-based formulations.

DOWSIL BY 25-339 Cosmetic Fluid can also be used to prepare an oil-in-water or mixed oil phases emulsion system to deliver organic ingredients.

HOW TO USE

Firstly, prepare oil phase by mixing DOWSIL BY 25-339 Cosmetic Fluid with the selected low viscosity fluids.

Then, prepare water phase with water-soluble polymer for improving the stability of the emulsion.

Add oil phase to water phase **SLOWLY** by using a variety of common mixing devices for stable oil-in-water emulsion.

The water phase should be prepared with water-soluble polymer for improving the stability of emulsion.

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

**USABLE LIFE AND
STORAGE**

540 days from the date of production.

**PACKAGING
INFORMATION**

This product is available in 18 kg
pails.

Samples are available in 100 g 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, www.consumer.dow.com or
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