



Technical Data Sheet

DOWSIL™ 969 Emulsion

FEATURES & BENEFITS

- Easy to formulate into hair treatment products
- Dilutable in water
- Superior conditioning in dry and wet hair
- Provides slipperiness on wet hair
- Preserves hair resistance to breakage
- Leads to more aligned hair after blow drying
- Reduces number of iron passes to optimum straightening
- Enables straightened hair to maintain much longer its styling

COMPOSITION

- Amine-functional silicone polymer in aqueous emulsion

INCI Name: Amodimethicone (and) Cetrimonium chloride (and) Trideceth-3 (and) Trideceth-15

APPLICATIONS

- Amino silicone emulsion providing superior conditioning benefits
- Can be used in hair care applications such as:
 - Rinse-off Conditioner
 - Leave-in Conditioner
 - Shampoo
 - Hair Colorant
 - Hair Perm
 - Styling Product

TYPICAL PROPERTIES

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

Property	Unit	Result
Color		Milky white
Physical Form		Water-thin liquid
Viscosity	mm ² /s	10–20
Silicone Content	%	~30
pH		~6
Emulsifier type		Cationic
D4/D5 Cyclics Content	%	< 0.1

DESCRIPTION

DOWSIL™ 969 Emulsion is a 30% cationic emulsion of an amine functional silicone polymer. The amodimethicone polymer is delivered in an opaque, low viscosity liquid. This emulsion was developed as a conditioning additive for hair care products such as shampoos, conditioners, styling aids and hair colorants. This product provides conditioning benefits on dry and wet hair as well as slipperiness on wet hair. It also provides heat protection benefits allowing to preserve hair resistance to breakage. DOWSIL 969 Emulsion facilitates styling since it

allows to have more aligned hair after blow drying and to reduce the number of iron passes to optimum straightening. It also enables straightened hair to maintain much longer its styling. DOWSIL 969 Emulsion provides good stability with dilution.

HOW TO USE

To optimize the dispersion of DOWSIL 969 Emulsion into the final formulation, it is recommended to add it slowly at the end of the procedure at a temperature below 40°C (104°F) with continuous mixing or stirring.

HANDLING PRECAUTIONS

It is recommended to mix gently the product before use.

**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

When stored between 5°C (41°F) and 35°C (95°F) in the original unopened containers, this product has a usable life of 360 days from the date of production.

This product is susceptible to microbial contamination. Please use appropriate storage and handling procedures to prevent contamination.

PACKAGING INFORMATION

180 kg drums
18 kg bags
500 g samples

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 consult your local Dow representative.

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DOWSIL™ 969 Emulsion

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