

#### Technical Data Sheet

# **DOWSIL<sup>TM</sup> DS-1000 Aqueous Silicone Cleaner**

#### **FEATURES**

- Effectively emulsifies silicone oils, greases, and uncured elastomers
- Effective degreaser on a wide range of applications
- Aqueous solution
- Comply with EU detergent regulation on biodegradability of surfactants
- Non flammable

Aqueous silicone cleaner containing surfactants mixture

#### APPLICATIONS

DOWSIL<sup>TM</sup> DS-1000 Aqueous Silicone Cleaner is an aqueous surfactant solution used to clean surfaces, equipment and manufacturing units contaminated with non-substantive uncured silicone residues. DOWSIL DS-1000 Aqueous Silicone Cleaner has been specifically developed to solubilize and remove silicone oils, leaving a silicone free surface.

### TYPICAL PROPERTIES

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

Test <sup>1</sup>	Property	Unit	Value
	Appearance		Light straw
	Odor		Characteristic odor
D 1298	Specific Gravity		1.05
	Viscosity (25°C)	mPa.s	50
	Flash point (closed cup method)	°C	>100
	Usable life	Months	60

<sup>1.</sup> ASTM: American Society for Testing and Materials

#### DESCRIPTION

DOWSIL DS-1000 Aqueous Silicone Cleaner is a water-based organic surfactant blend designed specifically for silicone oil removal.

#### MAIN USES

DOWSIL DS-1000 Aqueous Silicone Cleaner is used to remove silicone and organic oils, grease, or uncured elastomers from surfaces, tools, processing equipment, manufacturing units, etc. Use of DOWSIL DS-1000 Aqueous Silicone Cleaner is recommended after using DOWSIL<sup>TM</sup> DS-2025 Silicone Cleaning Solvent

#### **HOW TO USE**

DOWSIL DS-1000 Aqueous Silicone Cleaner recommended use level is a 10% aqueous solution.

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DOWSIL DS-1000 Aqueous Silicone Cleaner is compatible with CIP procedure and equipment. Effective cleaning can be achieved in three ways:

- 1. Immersing the equipment in the solution.
- 2. Recirculation of the solution through piping.
- 3. Recirculation of the solution through a spray nozzle

After cleaning, a rinsing step is required and/or further standard sanitization procedures can be followed as appropriate.

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

# USABLE LIFE AND STORAGE

When stored between 5 and 40°C in the original unopened containers, this product has a usable life of 60 months from the date of production.

## PACKAGING INFORMATION

This product is available in 1000 liter IBC, 200 liter drums and 0.5 liter sample bottle.

#### 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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