

Technical data sheet



Product: DS-1000

Manufacturer: DOWSIL

Product group: REINIGER

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DOWSIL™ DS-1000 AQUEOUS SILICONE CLEANER

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Technical Data Sheet

DOWSIL™ DS-1000 Aqueous Silicone Cleaner

Aqueous silicone cleaner containing surfactants mixture

Features & Benefits

- 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

Applications

- DOWSIL™ 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.

ASTM ¹	Property	Unit	Result
	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

1. 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™ DS-2025 Silicone Cleaning Solvent.

How to Use

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

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.

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.

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, 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

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

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