



DOWSIL™ OS-2 Fluid

OS compound for a variety of applications

Features & Benefits

- Clear and colorless
- Compatible with most plastics and surface coatings
- Low surface tension

Applications

- Rinsing parts after cleaning with stronger cleaning agents
- Impregnating “wipes” for cleaning applications where more aggressive solvents cannot be used
- Replacing organic fluids as carriers in some industrial processes
- Alternatives to hydrocarbon solvents in consumer product formulations
- Solvents or carriers for silicone oils or greases
- Cleaning contaminated surfaces prior to painting or bonding

Typical Properties

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

Test ¹	Property	Unit	Result
	One or two-part		One
CTM0176	Appearance		Clear
	Density	g/cm ³	0.78
	Flash point (closed cup)	°C	-3
	Shelf life at 25°C	years	5
CTM0050	Viscosity	cP	0.59

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

Caution

DOWSIL™ OS-2 Fluid is classified as a Category 2 flammable liquid. Appropriate precautions must be taken during the storage and handling of these products.

How to Use

Cleaning

Cleaning with Dow OS fluids is a simple process. Parts may be immersed in the cleaning fluid with vigorous action or the fluid can be applied by spray. Soils are lifted from the surfaces by the action of the fluid. Lightly contaminated components can be cleaned by wiping them with tissues impregnated with Dow OS fluids. Dow OS fluids are compatible with a wide range of materials and will not harm most substrates, including most plastics and delicate coatings. Their mild cleaning action also makes them suitable for cleaning multi-material components and devices. However, it is advisable to check the compatibility of Dow OS fluid with the surfaces to be cleaned. Dow OS fluids are excellent solvents for nonvolatile silicone materials. Contaminated surfaces that have been cleaned with Dow OS fluid can subsequently be coated or bonded because the Dow OS fluid will completely evaporate leaving no trace of silicone.

Environmental Status

Dow OS fluids are pure methyl polysiloxanes, their lifetime in the atmosphere is between 10 and 30 days. The ultimate oxidative degradation products are carbon dioxide, silicic acid and water.

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.

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.

How Can We Help You Today?

Tell us about your performance, design, and manufacturing challenges. Let us put our silicon-based materials expertise, application knowledge, and processing experience to work for you.

For more information about our materials and capabilities, visit **dow.com**.

To discuss how we could work together to meet your specific needs, go to **dow.com** for a contact close to your location. Dow has customer service teams, science and technology centers, application support teams, sales offices, and manufacturing sites around the globe.

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