

## Antifoam OR-90

### Antifoam OR-90

#### Description

Antifoam OR-90 is a 100% silicone antifoam compound to be considered for use in non-aqueous formulations in agriculture applications. It is listed by the Organic Materials Review Institute (OMRI) for use in organic production. The components of Antifoam OR-90 meet the requirements of U.S. EPA regulation 40 CFR 1809.960, and are therefore exempt from tolerances in food when used as an inert ingredient in agricultural applications in accordance with the other conditions of that regulation.

#### Key Features and Typical Benefits

This 100% active antifoam compound typically provides excellent foam control in highly alkaline, highly acidic as well as neutral systems and exhibits improved efficiency and longevity over conventional organic antifoam compounds. Antifoam OR-90 can be used as received, or after dilution with water or other suitable process liquids.

- OMRI Listed.
- Defoaming agent for processing foods (21 CFR 173.340)<sup>(1)</sup>
- Developed for non-aqueous systems.
- Useful over a broad pH formulation range

(1) Compositionally compliant with 21 CFR 173.340 and for use as a defoaming agent in processing foods in accordance with the conditions specified and limitations imposed by this regulation.

#### Typical Physical Properties

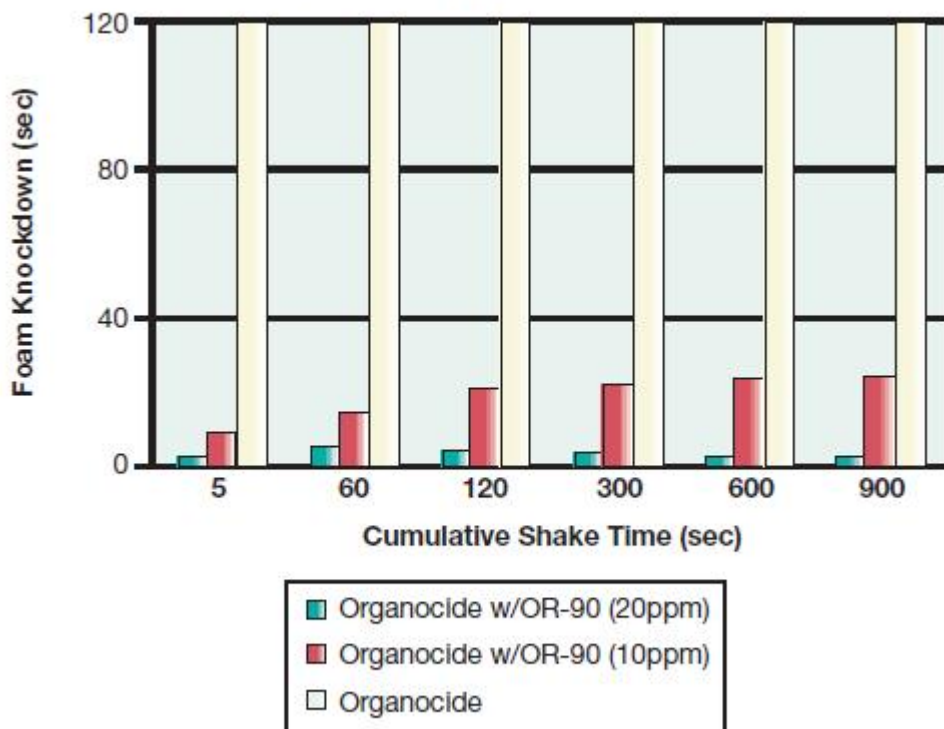
Property	Value
Silicone/Silica Content, %	100
Density, lbs/gal	8.4 (3.81 KG/L)
Specific Gravity @ 25°C (77°F)	1.01
Viscosity @ 25°C (77°F) cps max	2500
Flash Point, Pensky-Martens closed cup ASTM D 93, °C	>204

Typical data are average data. The actual data may vary.

### Performance Data

Antifoam OR-90 has shown outstanding foam control in the Organocide™ Pesticide. The figure below illustrates effective foam knockdown and durability performance, as measured with a standard shake test. Suggested starting concentration for Antifoam OR-90 is 10 ppm.

#### Foam control of Organocide™ (1.5%) with Antifoam OR-90



Organocide™ is a Trademark of Organic Laboratories, Inc.

Note: Test data. Actual results may vary.

### Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

### Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

### Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

### Contact Information

Email

[commercial.services@momentive.com](mailto:commercial.services@momentive.com)

### Telephone

<b>Americas</b>	<b>Latin America</b>	<b>EMEAL- Europe, Middle East, Africa &amp; India</b>	<b>ASIA PACIFIC</b>
<b>+1 800 295 2392</b>	<b>Brazil</b>	<b>Europe</b>	<b>China</b>
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
+704 805 6946	Direct Number	Direct number	Toll free
Direct Number			+86 21 3860 4892
			Direct number
<b>*All American</b>	<b>Mexico</b>	<b>India, Middle East &amp; Africa</b>	<b>Japan</b>

countries	+52 55 2169 7670	+ 91 44 71212207	+81 3 5544 3111
	Direct Number	Direct number*	Direct number
		<b>*All Middle Eastern</b>	<b>Korea</b>
		<b>countries, Africa, India,</b>	<b>+82 2 6201 4600</b>

For literature and technical assistance, visit our website at: [www.momentive.com](http://www.momentive.com)

#### DISCLAIMER:

**THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY “SUPPLIER”), ARE SOLD SUBJECT TO SUPPLIER’S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER’S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN.** Each user bears full responsibility for making its own determination as to the suitability of Supplier’s materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier’s products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier’s standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as

a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials Inc. or its affiliated companies. Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.