

## Magnasoft™ MT90 Textile Enhancer

### Product Description

Magnasoft MT90 textile enhancer is a textile auxiliary agent that typically delivers a hydrophilic, voluminous, silky hand to all types of fabrics at lower use levels than other products and, very significantly, helps retain these performances attributes through several home laundry cycles. Magnasoft MT90 textile enhancer is a quat functional silicone copolymer with a repeating block structure that combines several chemical entities in one linear molecule. Close to self-emulsifiable, Magnasoft MT90 textile enhancer typically can be applied by spray but, thanks to its outstanding emulsion stability, it is a particularly good candidate to consider for exhaust applications.

### Key Features and Typical Benefits

- Combines a silky feel and a rich, bulky hand to impart a remarkable softness to fabrics
- Does not alter the hydrophilic nature of cotton and cotton blends
- Increases the hydrophilicity of synthetics
- Provides stretch recovery with a significant elastomeric effect, particularly on knits
- Gives in-depth softness
- Is effective on virtually all types of fibers
- Provides softness and durability effects that are fast to a minimum of ten home laundry washes; this is particularly pronounced with cellulosic fibers
- Nearly self-emulsifiable; can generate emulsions that possess extreme shear and pH stability (acid and alkaline)
- Causes virtually no yellowing of white or light-shaded fabrics
- Not known to affect the color of dark fabrics
- No unpleasant odor

### Typical Physical Properties

Appearance	Pale yellow liquid
Viscosity, cSt, 25 °C/77 °F	15,000
Density, g/cm <sup>3</sup>	0.980

Typical properties are average data and are not to be used as or to develop specifications.

### Potential Applications

Magnasoft MT90 textile enhancer is a textile auxiliary agent that may add significant value to all types of knit and woven fabrics. Magnasoft MT90 textile enhancer is typically effective on knits where it provides the typical silicone softener effects and increases stretch recovery. This textile enhancer is generally effective on woven fabrics and is compatible with durable press resin and fluorocarbon soil release finishes.

Magnasoft MT90 textile enhancer is normally applied as a water emulsion. Due to its polar nature, Magnasoft MT90 textile enhancer can be easily emulsified using simple mixing devices and containers widely available throughout the industry. There is no need for homogenization or colloid milling.

Emulsions of Magnasoft MT90 textile enhancer possess extraordinary shear stability in a wide pH range (3-12) at temperatures up to boiling and in the presence of high concentrations of salts. Tests carried out in a jet dyer (liquor to goods ratio 1:10, 40 °C /104 °F, pH 4-5, 20 min, pump level 6) demonstrated excellent emulsion stability. As a result, Magnasoft MT90 textile enhancer is an excellent candidate to consider for use under very demanding conditions (jet finishing, EVAC, etc.).

### 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.

## Customer Service Centers

For additional information, please contact our Customer Service Team

<b>AMERICAS</b>	+1 800 295 2392 Toll Free* +704 805 6946 Direct Number
<b>LATIN AMERICA</b>	<b>BRAZIL</b> +55 11 4534 9650 Direct Number <b>MEXICO</b> +52 55 2169 7670 Direct Number *All American countries
<b>EMEI - EUROPE, MIDDLE EAST, AFRICA &amp; INDIA</b>	<b>EUROPE</b> +390510924300 Direct Number <b>INDIA, MIDDLE EAST &amp; AFRICA</b> +91 44 71212207 Direct Number* *All Middle Eastern countries, Africa, India, Pakistan, Bangladesh, Sri Lanka
<b>ASIA PACIFIC</b>	<b>CHINA</b> 800 820 0202 Toll Free +86 21 3860 4892 Direct Number <b>JAPAN</b> +81 3 5544 311 Direct Number <b>KOREA</b> +82 2 6201 4600 Direct Number <b>SOUTH EAST ASIA, AUSTRALIA &amp; NEW ZEALAND</b> +60 3 9206 1543 Direct Number* *All East Asia countries (Malaysia, Singapore, Thailand, Indonesia, Vietnam, Philippines, Cambodia, Myanmar / other countries located in Pacific region)
<b>Visit us at <a href="http://www.momentive.com">www.momentive.com</a></b>	

**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 registered trademarks of Momentive Performance Materials, Inc.

Copyright 2023 Momentive Performance Materials, Inc. All rights reserved.



260 Hudson River Road  
Waterford, NY 12188 USA  
[momentive.com](http://momentive.com)