

Magnasoft™ 88 Textile Softener

Product Description

Magnasoft 88 textile softener is an extremely high solids microemulsion of a modified silicone fluid. It imparts durable, extra slippery and silky softness to various types of fabric.

Key Features and Typical Benefits

- Slippery and silky softness as opposed to a greasy feel
- Good emulsion stability and dilution stability
- Despite being a concentrate, it easily disperses and dilutes in water
- Good performance in both padding and exhaust applications
- Concentrate; thus economical to use

Typical Physical Properties

Appearance	Transparent liquid
Solid Contents, %	72.5
Viscosity, 1/60 rpm (25 °C), cps	3,500
Specific Gravity, 25 °C (77 °F)	1.00
pH	6
Ionic Nonionic	

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

Potential Applications

Magnasoft 88 textile softener can be applied to all types of fabric, but is particularly suitable for the fabrics listed below:

- Cotton and cotton blended woven and knits
- Polyester woven and fleece
- Cotton/Spandex blended fabric
- Wool and wool blended knits and woven
- Viscose rayon, CYC and acetate woven

General Considerations for Use

Magnasoft 88 textile softener can be directly applied without pre-diluting because of its excellent water dispersibility. However, it is advised to pre-dilute with water, prior to application in the textile finish process. 20~50 g/l of the dilution (20 parts Magnasoft 88 textile softener in 80 parts water) is the dosage generally recommended, although the dosage is subject to the softness required and type of fabric.

1. In case of pre-dilution prior to applying in textile finish bath

Magnasoft 88 textile softener	20 parts
Water	80 parts
Biocides	(a)

- Charge 80 parts of water into a mixer
- Slowly charge 20 parts of Magnasoft 88 textile softener into the mixer with stirring and continue to stir at about 500 rpm for 20 to 30 min., to get a microemulsion solution

(a) Biocides must be used in accordance with local country regulations and manufacturer's label directions.

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2. In case of direct application in textile finish bath

- Charge water in preparation bath
- Charge the required quantity of Magnasoft 88 textile softener in the preparation bath with stirring; and continue to stir for 5~10 min. until a homogeneous solution is obtained

Due to its outstanding water dispersibility, Magnasoft 88 textile softener can be diluted in the container (such as a drum) by using hand stirring.

Packaging

Magnasoft 88 textile softener is supplied in 120 kg drums from Momentive Performance Materials plant in Sonjiang, China.

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 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

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