



MapleSolutions

3019 Lake Road, Dollard Des Ormeaux, QC, H9B 2R3 Canada - Tel : 1 (514) 472 0094 www.maplechemicals.com

TECHNICAL BULLETIN

MA-SOFT CAT

STATEMENT OF USE

MA-SOFT CAT is a highly effective softening agent and lubricant for 100% cotton, and polyester/cotton knit blends. **MA-SOFT CAT** improves fabric sewability and it is especially effective on goods for garment dyeing.

TYPICAL PROPERTIES

Chemical Composition	: Blend of amides and fatty acid derivatives
Appearance	: Pourable, opaque, off-white to pale tan liquid
Activity, %	: 16 ± 1.0
Ionic Nature	: Cationic
pH (Neat)	: 4.0 – 4.5
Solubility	: Dispersible in water
Density, lb/gal	: Approx. 8.3
Compatibility	: Excellent with cationic and nonionic materials. Compatible with durable press reactants and catalysts.
Smoke Point	: > 350° F
Storage Stability	: Protect from freezing. Avoid storage temperatures of 100° F or greater.

ADVANTAGES

- Full, soft hand with good antistatic properties.
- Improves fabric sewability. Significantly reduces or eliminates problems due to needle heating, needle build-up, and needle cutting.
- Can be applied by pad or exhaust methods.
- Excellent thermal stability; resistant to discoloration.
- Excellent napping characteristics
- Excellent fiber resiliency imparted; reduces edge lines in the compacting of knit goods.
- Does not contain alkylphenol ethoxylates.
- Does not contain SARA Section 313 chemicals.
- Stable to bath pH's ranging from 4 to 12.



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APPLICATION

- For pad applications, 5.0 - 30.0 g/L **MA-SOFT CAT** is recommended.
- For exhaust applications, 2.0 - 3.0% on-the-weight-of-the-fiber (o.w.f **MA-SOFT CAT** is recommended. The bath pH should be adjusted to pH 4.0 - 5.0 and run 20 minutes at 40° C. (The same quantities should be applied when using the softener in the dyebath.)
- Higher levels may be used, if desired, without adversely affecting the sewing characteristics of the fabric.

PACKAGING

Available in returnable drums. Protect from freezing. Avoid storage temperatures of 100° F or greater.

PHYSIOLOGICAL DATA

For Industrial Use Only: The usual precautions in keeping chemicals from the eyes and skin and avoiding ingestion and prolonged inhalation of vapors should be observed.

While every care has been taken to ensure the accuracy of the information contained in this publication, no warranty or liability will be accepted as the conditions of usage are beyond our control. Product specifications can be provided upon request.

Our Technical Sales Department is available to assist customers in preparing formulae and procedures to suit their specific requirements. Production trials are recommended to determine effectiveness. Process information submitted by our customers will be treated in confidence.