Technical Data Sheet

MaxxBreak OS-626

Organo-Silicone Emulsion Antifoam

MaxxBreak OS-626 is an emulsion of unique defoaming and foam-preventing compounds **MaxxBreak OS-626** is extremely stable under high shear and boiling conditions. It also is an effective wetting agent and surface tension depressant. This property allows goods to wet out evenly and more rapidly than normal. Use of 0.1 to 1.0% owg of **MaxxBreak OS-626** results in greater machine efficiency and more level dyeings. **MaxxBreak OS-626** does not affect color or depth of shade, nor does it cause spotting of goods. **MaxxBreak OS-626** does not remain in the fiber and thus has no effect on fastness. It has excellent stability and is useful in many other industrial applications as well.

TYPICAL PROPERTIES

Appearance	Grayish to white emulsion
Ionic Nature	Nonionic
Odor	Mild
pH, 1%	8.0
Viscosity, *cps @ 25°C*	750
Weight per Gallon, *lbs.*	8.3
Solubility	Dispersible in water
Flash Point, °F	None

PERFORMANCE FEATURES

FDA compliant as a defoamer in paper and paperboard, adhesives and coatings contacting food (Title 21 CFR 176.210, 175.105, 178.3120, and 176.200, High Shear Stable, Surface Tension Depressant

SUGGESTED USES

Textile, Carpet, Paints, Inks, Coatings, Floor Polishes

Let MCTRON Technologies raise your expectations.

McTron Technologies, LLC Technical Support Team is available to provide assistance with the formulation of all our products to optimally suit your specific needs.

McTron Technologies LLC Guarantee

If any product is defective in workmanship or materials, McTron Technologies, LLC will replace the product, or refund the full purchase price. This warranty is in place of all other warrants, expressed or implied, and all implied warrants of a product for an intended use shall be solely up to the user. McTron Technologies, LLC assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of materials supplied by it.

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Textiles
MaxxBreak OS-626 is highly effective and long lasting in detergent, cleaning and emulsifying systems. It is not affected by normal acidic or basic formulations and is effective at the boiling point of water in most applications.

Carpet Dyeing
Add (0.1 – 3.0% owg) MaxxBreak **OS-626** to the beck water prior to the addition of dyestuffs and other auxiliaries. Goods will wet out and sink into the beck liquor.

Package Dyeing
Add (0.1 – 0.3% owg) **MaxxBreak OS-626** to the machine before dyestuffs and other auxiliaries. This will remove all air and provide rapid wet out of the packaged yarn. Excellent foam control and level dyeing will be obtained throughout the pressure cycle.

Jet Dyeing
Adding (0.1 – 0.5% owg) **MaxxBreak OS-626** will give effective foam control in pressure jet machines on natural and synthetic fibers.

Other industrial applications include:

Floor Polishes
MaxxBreak OS-626 has proven to be an excellent leveler and defoamer for water-based floor polishes. Use of 0.01 to 1.0% in the polish aids in crater-free polish films.

Carpet Cleaners
Use of 0.1 to 1.0% **MaxxBreak OS-626** in formulated liquid carpet cleaners reduces the foam level and increases machine efficiency.

Paints, Inks and Coatings
Use of 0.25 to 1.0% **MaxxBreak OS-626** in latex based formulations allows for applications of smooth, even films free of bubbles and craters.