



MaxxBreak® OB-142 NS Concentrate
Organic, Non-silicone Antifoam

MaxxBreak OB-142 NS Conc. is an organic non-silicone defoamer concentrate. It can be diluted with mineral oil with the resulting product being useful as a defoamer useful in a variety of aqueous systems. It has found wide use in textile dyeing, particularly jet dyeing of piece goods and atmospheric dyeing of carpets. It also exhibits excellent caustic stability.

MaxxBreak OB-142 NS can also be letdown with water and thickened with normal thickening agents. Depending on the end-use, the formulator may wish to add additional emulsifiers to optimize shelf life.

TYPICAL PROPERTIES

Appearance	Thin Oily Pale Yellow Liquid
pH	N/A
Active Solids, %	100
Weight per Gallon	~7,5 pounds
Solubility	Dispersible in water; Soluble in mineral oil

PERFORMANCE FEATURES

Non-Silicone, Concentrated, Versatile, Dilutable

SUGGESTED USES

Textiles Dyeing & Finishing, Beck Dyeing of Piece Goods, Atmospheric Dyeing of Carpets, Water Based Paints, Adhesives, Coatings, Neoprene, SBR, Acrylics, Printing Inks (*water-based*), Starch and Paper Coatings

Application methods are discussed on the following page.

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.



METHOD OF APPLICATION (*Textile and Carpet Dyeing & Finishing*)

MaxxBreak OB-142 NS can be added as received or diluted with one of several formula ingredients depending on the application. Typical formulations and preparation methods are shown below:

Formula #1 – 100% Active Defoamer

<u>Weight %</u>	<u>Ingredients</u>
A) 70-75	Mineral Oil, 100 or Paraffinic Mineral Oil
B) 25-30	MaxxBreak OB-142 NS Conc.
C) 0-2	Emulsifier (<i>if required</i>)

Formula #2 – Emulsion

<u>Weight %</u>	<u>Ingredients</u>
A) 75-85	Water
B) 10-25	MaxxBreak OB-142 NS Conc.
C) 4-5	MaxxThix MT-107

Textile Beck Dyeing and Finishing

For Jet dyeing of piece goods use 0.1-2.0% owg to aid in wet-out of goods and control foaming during heat-up and depressurization.

For Atmospheric dyeing of carpets use 0.5-1.0% owg to aid in the wet-out of carpet, allowing carpet to sink lower into the beck and hold foam to a minimum during the dyeing cycle.

For Finishing of textiles use 0.5-2.0% owg to aid in the wet out of goods and control foam in pad baths.