



# Flexisperse™ 220

## Overview

- Stand-Alone Acid Rinse: Reduces Yellowing and Neutralizes Alkalinity
- Acid Polymer for use in Carpet Care Products
- Maintains and Enhances Soil Resistance
- Enhances Stain Resistance
- Reduces/Prevents Wick-Back and Browning
- Provides Dispersant and Detergent Builder Functionality
- Reduces Scale and Hard Water Deposits in Carpet Cleaning Equipment
- Peroxide Stable, and Compatible with Most Surfactants and Detergent Polymer Systems
- Usable in “Wool-safe” Carpet Cleaning Formulations

## Applications

- Carpet Acid Rinse and Extraction Cleaners
- Carpet Spot Cleaners and Pre-sprays, Including Peroxide-Containing Formulations

## Technical Information

Flexisperse 220 is a functionalized polymer designed to function effectively in low pH (acidic) environments. It is clear and colorless; when used in an acid rinse application, Flexisperse 220 helps eliminate yellowing and/or browning associated with soiling of the carpet (and sometimes the cleaning technologies employed to clean carpet). It allows for an acid rinse formulation without the need for organic acids like citric and glycolic acid, and in so doing also enhances the soil resistance of the carpet. It also can help stabilize the dyes on nylon and wool fibers, and is entirely appropriate for use in “Wool-safe” systems.

Flexisperse 220 is easy to incorporate into formulations and use. It's compatible with virtually every surfactant and detergent polymer commonly used in carpet care, is stable to peroxide, and can be used to lower the pH and improve or impart antisoiling of almost any cleaning formulation. Flexisperse 220 contains no VOC's or organic solvents.

Flexisperse 220 can be incorporated into alkaline carpet formulations as an alternative to phosphates and common chelates like EDTA. When formulated properly in these systems, Flexisperse 220 will function as a detergent builder, provide dispersion of particulates associated with water hardness, and enhance antisoiling properties.

## Typical Properties

|                  |  |
|------------------|--|
| Appearance       | Clear, Colorless to Pale Yellow Liquid |
| Density @25°C    | 1.08 +/- 0.02 g/ml                     |
| pH               | 1.5 - 2.5                              |
| Water Solubility | Soluble                                |
| Boiling Point    | Approx. 100°C                          |

## Packaging and Handling

Flexisperse 220 is available in 275 gallon totes (Net Wt. 2375 lbs), 55 gallon drums (Net Wt. 475lbs), and 5 gallon pails (Net Wt. 40 lbs).

DOT Classification is Non Regulated.

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