



Flexisperse™ 220

Carpet Care polymer

Overview

- Acid polymer for use in Carpet Care products
- Stand-Alone acid rinse which reduces yellowing and neutralizes alkalinity
- 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 “Woolsafe” carpet cleaning formulations
- VOC-free
- Contains no organic solvents
- WERCS ID number: WPS1168751
- WERCS ID number: 1168751

Applications

- Carpet Acid Rinse and Extraction Cleaners
- Carpet Spot Cleaners and Pre-sprays, including peroxide-containing formulations

Technical Information

Flexisperse 220 is a clear and colorless functionalized polymer designed to work in low pH (acidic) environments. 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). Flexisperse 220 enables an acid rinse formulation without the need for organic acids such as citric and glycolic acid, while enhancing the soil resistance of the carpet. It also can help stabilize the dyes on nylon and wool fibers, and is suitable for use in “Woolsafe” systems.

Formulary

Flexisperse 220 is compatible with most surfactants and detergent polymers used in carpet care. It is stable to peroxide, and is used to lower the pH and improve antisoiling performance of cleaning formulations.

Flexisperse 220 can be incorporated into alkaline formulations as an alternative to phosphates and common chelates like EDTA. Flexisperse 220 can function as a detergent builder and provide dispersion of particulates from water hardness.

Typical Properties

PROPERTY	VALUE
Appearance	Clear liquid
Color	Colorless to pale yellow
Odor	Mild
Ionic character	Anionic
Water solubility	Soluble
pH (as is)	2.1 to 3.0
Density@25°C	1.08±0.02 g/ml
Boiling Point	100°C
Flash point	None (aqueous)
Storage	Freeze/thaw stable
Shelf life	12 months

Packaging and Handling

Flexisperse 220 is available in:

Bulk (44,000 lbs)
275 gallon totes (Net Wt. 2375 lbs)
55 gallon plastic drums (Net Wt. 475 lbs)

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification: Non-Regulated

Whether you're looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition; please feel free to contact us.

Please refer to back page for important information

Flexisperse 220 Carpet Care polymer

This information relates only to the specific material referred to herein and not to its use in combination with any other material or in any process, unless explicitly stated herein. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled; however, no warranty, guarantee or other representation is made as to its accuracy, reliability, or completeness, or regarding any liabilities arising from others' intellectual property rights. ID# 20200218

An ICT Industries Inc. company 