



Flexisorb OD-202

Overview

- Chemically Neutralizes Odors, not a Masking Agent
- Binds with Organic Waste and Decomposition Odors
- Effective Against Smelly Acids, Amines, Mercaptans, and Thioethers Including Hydrogen Sulfide and Ammonia
- Destroys Odors Associated with Humans, Animals, Food, Chemical Process, and Smoke
- Not a Bactericide, Fungicide, or Sanitizer
- Compatible with Most Fragrances
- Recommended for Liquid, Spray or Mist Applications
- Wide Variety of Applications Possible
- Easy to Formulate and Handle
- Readily Dilutes to a Clear Solution in Water at any Concentration
- Exceptional Anti-Soiling Protection on Carpet, Upholstery, and Apparel Fabrics

Applications

- Carpet, Upholstery and Apparel Fabrics
- Bathrooms
- Litter and Litter Boxes
- Automotive, RV and Boat
- Sewage Plants
- Stock Yards
- Land Fills
- Paper Plants
- Kitchens
- Waste Cans and Garbage Bags
- Dumpsters
- Food Processing Plants

Technical Information

Flexisorb OD-202 formulations chemically bind and eliminate odor causing chemicals, rather than just masking or covering them up.

Formulary

Ingredient	% by Weight
Water	93 to 99
Flexisorb OD-202	1 to 7

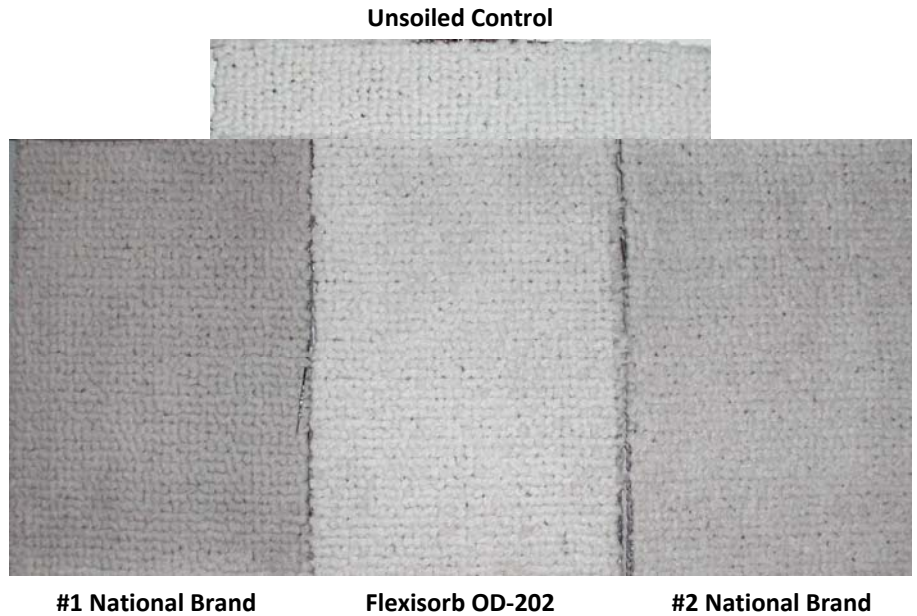
pH: approximately 6.3 at 5% Flexisorb OD-202

Add Flexisorb OD-202 to water with moderate agitation to form a clear solution. If a fragrance is desired, some fragrance oils can be predissolved in the Flexisorb OD-202 for addition, others may require their own emulsification package. Addition of a preservative is recommended for dilutions. Some preservative candidates include Veriguard 19S, Nipacide BIT 20, Dantoguard Plus (Granular), or Proxel GXL (typically, these preservatives are effective at concentrations between 0.05% and 0.20% on weight of final product). Use deionized water to improve shelf stability of diluted products. Concentration of Flexisorb OD-202 in the formulation depends on the application since the odor absorbing properties are related to the reaction of the odor causing chemical with the Flexisorb OD-202. Some applications may require as little as 1/100th of the above formulation. Flexisorb OD-202 will readily formulate into most alkaline cleaners, especially carpet, upholstery, and fabric cleaners.

Performance

Compare the Flexisorb OD-202 formulations to the leading national brand as follows:

Spray equal amounts of odor absorber formulations onto identical carpet samples using the leading national brand and Flexisorb OD-202 formulations respectively. Using ASTM Test Method D6540, soil the samples and compare results. In laboratory tests comparing commercially available odor removal formulas, Flexisorb OD-202 outperformed all competitive products in resoil protection. The photos demonstrates the superior performance of the anti-resoil chemistry in Flexisorb OD-202.



Typical Properties

Appearance	Clear, Yellow Liquid
Density @ 25°C	1.09 +/- 0.02 g/ml (9.09 lbs/gal)
pH (1% Sol)	6.5 - 8.5
Boiling Point	Approx 100°C

Packaging and Handling

Flexisorb OD-202 is available in 275 gallon totes (Net Wt. 2400 lbs.), 55 gallon drums (Net Wt. 480 lbs) and 5 gallon pails (Net Wt. 40 lbs).

DOT Classification is Non Regulated.

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' patent rights.