

Carpet Care

WISE Carpet Care is a highly efficient and economical alternative to the health and ecological hazards of nonylphenol and butyl solvents. It is harmless to indoor air quality: it contains no VOC's or toxic vapors. It is unscented and will not trigger an allergic reaction.

Dirt and grime are defined as layers of fine films made up of fat, oil, grease, bacteria, dust mites and skin etc. These films are bonded to each other and to the fiber surface by amino and fatty acids. Most cleaners emulsify some of these films, but do not break down the amino and fatty acids which attract more soil to the carpet. WISE's proprietary formula of plant based ingredients removes these films and acids.

The nano sized particles called micelles that represent the active ingredient in Carpet Care effectively cut through the carbon bonds in organic molecules and emulsify organic matter. Oil, grease and urine are broken down, suspended and safely lifted away from the carpet fibers. Our chemistry returns bounce to carpet fiber and effectively remove organic soil without damaging textile fibers.

Features & Advantages

- Carpet Care is recommended on all types of carpet, synthetic and natural fiber carpets, rugs and water cleanable upholstery. It effectively removes spots and stains originating from many sources including grass, mildew, urine, vomit, pet stains, animal odors, coffee, milk, juice, oil, tar, and nicotine.
- When the micelles in Carpet Care penetrate into dirt and oils, they break them into billions of little particles that constantly repel each other, making it impossible for them to stick back together or redeposit on a surface.
- This product is readily biodegradable, non-toxic, non-corrosive, non-hazardous, non-caustic, non-flammable, and hypoallergenic.
- It does not contain ozone depleting substances, synthetics, terpenes, petroleum distillates, glycol ethers, caustics, builders & reagents, or California Proposition 65 Chemicals.

Technology Highlights

Micelles are sub-microscopic, electrically charged particles that, when activated in water, repel each other in a ceaseless random movement. Micelles in liquid solution measure only 2 to 4 nanometers in size, 50 to one hundred times smaller than the particles created from typical cleaners and detergents. This small size and their extreme surface area to volume ratio enable the micelles to penetrate complex carbon molecules, and emulsify organic matter.

Uses

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|--------------------------|--------------------|
| • Automotive | • Schools |
| • Marine | • Utilities |
| • Janitorial Maintenance | • Food Processing |
| • Manufacturing | • Parts Washing |
| • Public Transit | • Bio Remediation |
| • Restaurant / Kitchen | • Dairy Processing |
| • Hospitality | • Steam Cleaning |
| • Health Care | • Metal Cleaning |



High Performance Renewable Lubricants



Specifications

Carpet Care (cont'd)

100% BioBased Ingredients– alkanolamines, amino acids, plant/vegetable extracts, nonionic surfactants, plant-based fatty acids and organic alcohol in a base of colloidal micelles.

RADIOCARBON C-14 (5/10/04) USDA approved testing to meet requirements for product tested at 84 (range 83-91; N=8), Minimum biobased content n=5.

CLEAN AIR SOLVENT: SCAQMD method 313-91 NO VAHAP, ODC or GWC detected.

CARCINOGENICITY: No ingredients listed by IARC, ACGIH, NTP or OSHA as a carcinogen.

Flash Point: None
 Odor: Faint odor
 Boiling Point: 214.4 F
 Freezing Point: 28.0 F
 Specific Gravity: 1.001
 Solubility: 100%
 pH: 9.7
 Appearance: slightly viscous

Suggested Dilutions

This product must be diluted with water in order to work properly. Suggested dilution is 10 to 1. **Shake well before using.**

When using Carpet Care, increased dwell time may be more effective than a more concentrated solution.

Carpet Care can be used with hot water extraction, and excels as a low moisture cleaner with bonnet and pad machines.

Carpet Care is extremely effective in eliminating odors from pet stains and urine. Pet feces and vomit can be completely removed by saturating the carpet or rug with a dilution of 1 part concentrate to 5 to 10 parts water. Let stand for at least 1/2 hour or more, then extract or wet vacuum out as much of the solution as possible. Urine that has penetrated the backing and wood subfloor may need a second drenching.

On heavily soiled surfaces, agitation and/or a second application may be necessary before all the residual organic matter is emulsified. Agitation speeds up results, as it facilitates the process that breaks down dirt and grime and keeps them in the water solution.

Some stains may require pre-treatment with **WISE Carpet Spotter/Pre-spray**.

To Order

Fax to 831-728-1753 or call 800-491-9473 for Customer Service
 Visit www.wisesolutions.net or Email sales@wisesolutions.net

Available Size
Container

Quantity (min.)

16 oz. Spray	1 gal. Bottle	5 gal. Pail	55 gal. Drum	330 gal. Tote