



# ENCAP Probiotic Biosurfactant Carpet & Rug Cleaner

## Concentrated Probiotic Carpet & Rug Cleaner with True Clean Technology™



ZB/EC/001G  
Patent Pending



### Uses:

- Ideal for use with Ultra Low Volume equipment, (CRB/Counter Rotating Brush and Bonnet machines)
- Upright Extraction (ride / walk behind)
- Pre-Treatment of carpet for truck mounts / steam cleaning equipment
- Spot / Stain / Grease removal - mix ENCAP with MAX Probiotic Degreaser & Cleaner

### Dilution Rates:


- Ultra-Low Moisture (CRB & Bonnet) - 2oz / gallon
- Pre-Treatment for Extraction equipment -2oz to 4oz / gallon
- Grease / Oil contaminated carpet - Mix 2oz Encap + 2oz to 4oz MAX / gallon

### Storage & Handling:

- Store away from direct sunlight
- Store between 36°F and 110°F
- Do not allow to freeze

**ENCAP** is a powerful biosurfactant cleaner that incorporates the ongoing cleaning and protection provided by safe, beneficial [probiotic bacteria](#) with Encapsulation cleaning technology, for carpets and rugs. The probiotics in Encap keep on cleaning deep into the carpet fiber, and down to the base until there are no contaminants to sustain them, even after the carpet is dry.

Our Probiotic Encap is ideal for use with low moisture cleaning equipment; (CRB & Bonnet). Leaves carpets amazingly clean. It is highly effective at addressing odors. Our Probiotic Encap not only removes heavy soil and other contaminants, it also leaves behind a protective layer of safe bacteria to keep carpets clean and hygienic, inhibiting re-soiling while eliminating odors at the source. Encap is pH neutral, and safe to use on all moisture tolerant, colorfast surfaces. Encap combines EPA "Safer Choice" chemistry with FDA "GRAS" schedule listed probiotics. It is safe to apply in the presence of people and animals.

- pH neutral – suitable for all moisture tolerant surfaces
- Composed of EPA 'Safer Choice' listed ingredients
- A proprietary blend of FDA 'GRAS' schedule listed probiotics
- Provides Ongoing Residual Surface Cleaning and Protection
- Disrupts pathogen transmission
- Inhibits Pathogens Re-Colonizing/Re-Populating Surfaces
- Excellent Odor Elimination
- Has all 'zeros' in the OSHA Hazard Diamond 

# Benefits of Z BioScience Probiotic True Clean Technology™ As Compared to Conventional Chemistry-Only Cleaners & Disinfectants

Z BioScience Encap combines microbiology and chemistry to provide the most advanced, active and lasting carpet cleaning and hygiene.

The beneficial FDA "GRAS" listed probiotics in Encap keep cleaning deep into the carpet fiber, whether wet or dry, moving across surfaces, displacing and replacing unwanted, harmful pathogens.

Z BioScience's Encap delivers cleaner, safer carpets and rugs.

Encap is pH neutral, non-toxic and safe for carpets & rugs, occupants and the environment.

Ideal for schools, hotels, gyms, assisted living facilities and more.



**ONGOING  
SURFACE CLEANING  
(UP TO 3 DAYS)**



**ELIMINATES  
ODORS**



**WORKS WHEN  
DRY & WET**



**SAFE FOR ALL  
MOISTURE TOLERANT  
SURFACES**



**MOVES ACROSS  
SURFACES**



**DISRUPTS  
PATHOGEN  
TRANSMISSION**



**INHIBITS  
PATHOGEN  
RECOLONIZATION**



**SAFE FOR USE  
AROUND PEOPLE  
& ANIMALS**

## Redefining Sustainability in Cleaning

### Environmental + Health Sustainability

**Safe Cleaning:** EPA "Safer Choice" chemistry means no harmful chemicals, pesticides, or hazardous ingredients are present in Encap, and so no EPA Registration is required.

**Food-Grade Probiotics:** FDA "GRAS" (Generally Recognized As Safe) probiotics that require no cautionary statements, and are safe for use when humans and animals are present.

**pH Neutral:** Safe for all moisture tolerant, colorfast surfaces.

**Safe for use in the presence of people and animals**



### Unique Performance Sustainability

**Fast + Effective:** Cleaning with Encap performs two tasks simultaneously. It first removes dirt and soils, while also leaving behind a protective layer of safe, beneficial probiotics that keep on cleaning the carpet fiber, even when dry. Encap cleans and protects.

**Surface Protection:** The probiotics Encap introduces to rugs and carpet continue to clean long after the carpet has dried, inhibiting unwanted, harmful pathogens from repopulating the carpet.

**Active Cleaning:** The probiotics in Encap can move throughout the carpet in their ongoing search for microscopic food sources, cleaning deep into the fibers, all the way down to the base. This process inhibits re-soiling while also displacing unwanted, harmful and odor generating pathogens.

**Ongoing Disruption of Pathogen Transmission:** Encap delivers an abundance of safe, beneficial FDA "GRAS" probiotics to the carpet. These probiotics overwhelm and dominate the carpet, displacing unwanted, harmful pathogens; (the scientific principle of Competitive Exclusion). The residual presence of the probiotics in the carpet inhibits pathogens re-populating and re-colonizing the carpet, making it safer and healthier for occupants.



For all inquiries and purchase requests:  
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To learn about ALL the benefits of Z BioScience's line of products, visit: **[zbioscience.com](http://zbioscience.com)**