

# FiberNu™ Encapsulating Low-Foaming Carpet Cleaner

## CARPET

Powerful new crystallization technology removes greasy dirt from carpets and eliminates the rapid resoiling so common with conventional products. *FiberNu's* encapsulating action traps dirt and expedites drying time. Carpeted areas can now be cleaned with minimal inconvenience for occupants. *FiberNu's* anti-resoiling feature keeps carpets looking fresh longer, with no sticky residue.



*FiberNu™ Encapsulating Low-Foaming Carpet Cleaner  
ST-860, 2 fl. oz. pack*

ST-No.	UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/Pallet
ST-860	108609	72 x 2 fl. oz. packs	11.75 pounds	75
ST-861	106816	36 x 4 fl. oz. packs	11 pounds	75

### Directions

#### RESTORATIVE WATER EXTRACTION, USING PRE-TREATMENT

1. Vacuum thoroughly.
2. Add two ounces of *FiberNu™* per gallon of water in pump-up or electric sprayer.
3. Pre-spray heavily soiled areas and stains.
4. Spray the working area with *FiberNu™* solution, just enough to dampen the carpet.
5. Before the solution dries, extract and agitate the working area using clean water. For best results, use hot water.
6. Allow the carpet to dry completely and then vacuum again.

NOTE: Test on an inconspicuous area of the carpet for colorfastness.

#### INTERIM LOW MOISTURE, USING PRE-TREATMENT

1. Vacuum thoroughly.
2. Add four ounces of *FiberNu™* per gallon of water in pump-up or electric sprayer.
3. Pre-spray heavily soiled areas and stains.
4. Spray the working area with *FiberNu™* solution, just enough to dampen the carpet.
5. Before the solution dries, agitate the working area with a carpet machine.
6. Allow the carpet to dry completely and then vacuum again.

NOTE: Test on an inconspicuous area of the carpet for colorfastness.

### Ingredients

The primary ingredients in *FiberNu™ Encapsulating Low-Foaming Carpet Cleaner* are anionic polymer, ethoxylated alcohol, nonionic surfactant, and functionalized polymer.

### Chemical Characteristics

Abrasive.....	no
Appearance.....	viscous, light blue liquid
Biodegradable.....	yes
Corrosive .....	no
Fragrance .....	mild ammoniacal
Non-Flammable .....	yes
pH (concentrate).....	9.0±0.5
(use dilution) .....	8.0-9.0
Phosphate-Free .....	yes



## STEARNS PACKAGING CORPORATION

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# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **FiberNu**  
Encapsulating Low-Foaming Carpet Cleaner  
Synonyms: ST-860, ST-861  
Company: **Stearns Packaging Corporation**  
4200 Sycamore Avenue (53714)  
PO Box 3216  
Madison, WI 53704-0216  
Phone: 800-655-5008  
Fax: 608-246-5149  
Website: www.stearnspkg.com

Formula ID Number: JL25  
MSDS File Name: FIBERNU  
EPA Reg #: None  
DOT Hazard Class: None  
DOT Shipping Name: Compound, cleaning, NOI,  
liquid. Item 48580, Sub. 3, Class 55  
NSF Certified: None

Concentrate		In Dilution		HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	Flammability		0	
1	Health		0	
0	Reactivity		0	
None	Special Hazard		None	

**Emergency Contact: CHEM-TEL, 800-255-3924**

Abbreviation Key: N.A.=Not Applicable,  
N.D.=Not Determined

## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Water	7732-18-5				
Anionic polymer ethoxylated alcohol nonionic surfactant	NJTSRN 58-2380661-5020				
Functionalized polymer	NJTSRN 58-2380661-5019				

**SARA Section 313 Title III Notification Required: No**

## SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear, blue liquid; ammoniacal odor	Solubility in water: Complete Boiling Point: N.D. Melting Point: N.A.	Vapor Pressure (mm Hg): N.D. Vapor Density (Air=1): N.D. Evaporation Rate (Water=0.3): N.D.	pH (Concentrate): 9.0 ± .5 pH (1% Solution): N.D. Specific Gravity: 1.025
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## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F  
Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus.  
Unusual Fire & Explosion Hazards: None

Flammable Limits: LEL: N.A.  
UEL: N.A.

Extinguishing Media: Water spray, foam, dry chemical powder of CO<sub>2</sub>

## SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable:  Unstable:   
Conditions to Avoid: Avoid freezing and extremes of heat.  
Incompatibility (Materials to Avoid): Oxidizing materials

Hazardous Polymerization: May Occur  Will Not Occur   
Hazardous Decomposition: Upon combustion, the following may be produced:  
oxides of carbon and nitrogen.

## SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Immediate Health Effects: EYES: Overexposure may cause irritation to eyes.  
SKIN: Prolonged and repeated contact may cause irritation to skin.  
INHALATION: Inhalation may cause irritation of upper respiratory passages. INGESTION: Single dose oral toxicity is low. Swallowing large amounts may be harmful.

Primary Routes of Entry: Eyes, skin contact/absorption, inhalation or ingestion.

Signs and Symptoms of Exposure: Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

Target Organ Effects: Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled.

Reproductive/Developmental Information: No data available.

Carcinogenicity: IARC Monographs? Yes  No   
NTP? Yes  No  OSHA Regulated? Yes  No   
Long Term Effects: No data available.

**Emergency and First Aid Procedures:**  
Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.  
Skin: If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician.  
Inhalation: If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.  
Ingestion: Give 8 to 16 ounces of water to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects

Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged exposure.

Eye Protection: Splash goggles, or safety glasses if splashing is not a concern.

Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area. However, a respirator is recommended when working with products where dusts and mists cause irritation of the eyes and/or mucous membranes.

Other Precautions: Always keep out of the reach of children.

Steps to be Taken if Material is Spilled or Released: For small spills, soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment. **RCRA Information:** If this material becomes a waste, it would not be considered hazardous under 40CFR261.

Handling and Storage: Handle and open containers with care. Do not handle near an open flame, heat, or other source of ignition. Store in a cool, well-ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

## SECTION 8 – OTHER REGULATORY INFORMATION

SARA Title III listed chemicals : None  
Massachusetts, New Jersey, Pennsylvania Right-to-Know Laws . extraordinary hazardous substances : None  
California Safe Drinking Water and Toxic Enforcement Act of 1986-No chemical listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.  
California SCAQMD rule 443.1 VOCs : None  
California Proposition 65 : None

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This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.