



Protecting and improving concrete since 1974

7240 State Road, Philadelphia, PA 19135  
215-332-7709 or 888-839-2661  
Fax: 215-332-9997

vexcon.com

## STARSEAL® PRE-DENSIFIER FLOOR CLEANER

### SALT AND LAITANCE CLEANER FOR FRESH CONCRETE • ECO-FRIENDLY

#### DESCRIPTION

STARSEAL® PRE-DENSIFIER FLOOR CLEANER is a heavy-duty Diammonium citrate cleaner that is highly effective at safely removing laitance and surface salts from fresh concrete floors. This residue is often encountered after curing blankets have been removed from the concrete surface. Without removal of the laitance and salts and proper cleaning of the concrete floor, applications of surface treatments such as liquid densifiers will not perform properly. StarSeal Pre-densifier Floor Cleaner is formulated as a ready-to-use, water based solution with zero VOC's.

#### BENEFITS

- High strength, effective formula
- Contractor-friendly, water based formulation
- Ready to use
- Eco-friendly
- Safer to use than other types of acidic cleaners
- Will not damage cement paste
- Zero VOC

#### SPECIAL NOTES

- All equipment that may come in contact with densifier should be thoroughly cleaned with water.
- Do not ever mix StarSeal Pre-densifier Floor Cleaner with densifier, a white gel will occur. If accidentally mixed, do not use.
- Caution: While the StarSeal Pre-densifier Floor Cleaner is reacting on the concrete there may be a mild to heavy ammonia odor, a respirator for ammonia should be used.
- Always wear protective clothing (rubber gloves, eye protection, vapor mask, etc.). Consult the MSDS before using.
- Protect adjacent concrete slabs and polished and painted surfaces, metal and glass from exposure to StarSeal Pre-Densifier Floor Cleaner.
- Do not track StarSeal Pre-densifier Floor Cleaner to an area that is not presently being treated. Any tracked material should be removed immediately with water.
- Avoid contact with metal.
- Storage: StarSeal Pre-densifier Floor Cleaner is unusable if allowed to freeze. Store between 50°-90° F. (10°-32° C)

#### PROTECTION

After thorough cleaning apply **StarSeal® PS** or **Certi-Shine®** Vexcon's premium performing surface densifiers.

#### PRIMARY APPLICATIONS

- Removes laitance and residual salts from new concrete surfaces.
- Aids in proper penetration and performance of liquid densifier applications.
- Removes efflorescence from concrete and masonry surfaces.

#### TEST AREA

- Prior to full application a test to the affected area is required to determine the proper dilution rate, application and removal procedures.
- Dilute a sample of StarSeal Pre-densifier Floor Cleaner to a 1:1 ratio (by volume) with water.
- Apply diluted sample to concrete test area to be treated following application instructions. Note: When removing solution, care should be taken not to scratch the surface. Start with least aggressive pad or brush and check cleaner efficiency. If the surface scratches wait an additional 1-2 days, keeping the surface wet to allow for further hardening of the concrete. If a more aggressive pad is required continue to follow the procedures above until satisfactory results are achieved.
- Test effectiveness of StarSeal Pre-densifier Floor Cleaner.
- Adjust dilution rate to determine proper rate to achieve desired result.
- Apply as tested.

#### APPLICATION

- Apply StarSeal Pre-densifier Floor Cleaner to affected area using acid resistant sprayers, automatic floor scrubbers, or other conventional methods.
- Allow StarSeal Pre-densifier Floor Cleaner to remain on the floor for 15 minutes. Redistribute puddles during this soak time. Add more product if necessary.
- After 15 minutes of soaking, remove salts and laitance by scrubbing the floor with water and brushes or non abrasive pads. Note: When removing solution, care should be taken not to scratch the surface. Start with least aggressive pad or brush and check cleaner efficiency. If the surface scratches wait an additional 1-2 days, keeping the surface wet to allow for further hardening of the concrete. If a more aggressive pad is required continue to follow the procedures above until satisfactory results are achieved.
- Neutralize the StarSeal Pre-densifier Floor Cleaner with **StarSeal Neutralizing Rinse & Cleaner**.
- Rinse thoroughly with clean water to flush residue and any debris from the floor.
- \* Times are approximate. More or less dwell time may be needed for the desired result. Monitor cleaners effectiveness as excessive dwell time can result in etching of the concrete surface.

### **CLEAN-UP**

Clean tools and equipment with water.

### **PACKAGING**

StarSeal Pre-densifier Floor Cleaner is packaged in 55 gal (208 liter) drums and 5 gallon (19 liter) pails.

### **COVERAGE**

400 sq.ft./gallon (10 m<sup>2</sup>/liter), depending on dilution rate.

### **SHELF LIFE**

2 years in original, unopened container. Rotate stock.

### **TECHNICAL INFORMATION**

- Appearance: Clear liquid
- Odor: Slight Ammonia
- Weight per gallon: 9.02 lbs/gal
- Specific gravity: 1.08 ± .10
- Volatiles by volume: 89% PH: 6 (As Packaged)
- VOC Content: 0 g/L
- CSI reference: 03 01 30, 03 01 40

### **HEALTH AND SAFETY**

- Causes burns to eyes and skin.
- Harmful if swallowed or inhaled.
- Keep out of reach of children.
- Keep product, dilution, and application containers tightly closed when not dispensing product.
- Use only with adequate ventilation.
- For use by professional applicators only

Vexcon MSDS # OP134 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using this Vexcon product it is advisable to obtain a copy of the MSDS, from your distributor or by contacting Vexcon Chemicals.

### **CONTACT US @**

Additional product information, technical assistance and customer service is available by contacting Vexcon Chemicals directly or our distributors.

- [www.vexcon.com](http://www.vexcon.com)
- [Sales@vexcon.com](mailto:Sales@vexcon.com)
- [Technicalservice@vexcon.com](mailto:Technicalservice@vexcon.com)
- Voice: 888.839.2661
- [Customerservice@vexcon.com](mailto:Customerservice@vexcon.com)
- Fax: 215.332.9997

### **WARRANTY**

Vexcon warrants that the goods supplied hereunder shall be of its standard quality and shall conform in all material respects to the sample which has been made available for testing by buyer prior to sale. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OR NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES.

No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.