

EFFLORESCENCE CLEANER

PRODUCT CODE: 009-EFCLN

Efflorescence & Hardscape Cleaner and Stain Remover

PRODUCT DESCRIPTION

Efflorescence Cleaner is an economical blend of low odor acids, surfactants, & detergents used for general cleaning of concrete, masonry, & hardscape surfaces. **Efflorescence Cleaner** effectively removes efflorescence, as well as surface mineral deposits. **Efflorescence Cleaner** is safe to use on most concrete surfaces, including colored concrete and will not "burn" pigments from the concrete surface, when used as directed.

BENEFITS/FEATURES

- ◆ Formulated as an economical, concentrated solution which can be diluted up to 1:9 w/water.
 - ◆ The safer replacement to harsh muriatic acid for hardscape cleaning.
- ◆ Excellent product for use on integrally colored concrete & mortars, when used as directed.

RECOMMENDED APPLICATIONS

Efflorescence Cleaner is recommended for use on unsealed standard and decorative concrete surfaces, hardscape concrete pavers, retaining walls. Use prior to sealing.

TECHNICAL INFORMATION

Solids.....	0%	Wet Appearance.....	Green-Blue & Transparent
Drying Time.....	Refer to Directions	Dry Appearance.....	n/a
Re-Coat Time.....	n/a	VOC Content.....	n/a
Foot Traffic.....	Refer to Directions	Blush Resistance.....	n/a
Wheel Traffic.....	Refer to Directions	Solvent Resistance.....	n/a
Application Temp.....	40°F - 85°F	Concrete Adhesion.....	n/a

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

Efflorescence Cleaner is VOC and OTC compliant in all areas of the United States and many foreign nations.

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New and Old (unsealed) concrete	200-400 ft ²	200-400 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided. Please note that product can be diluted up to 1:9 with water yielding up to 10 times the coverage rate per gallon purchased.

SHELF LIFE

Efflorescence Cleaner has a shelf life of one year in it's original, sealed, unopened container.

PACKAGING

Efflorescence Cleaner is packaged and stocked in 1 gallon jugs and 5 gallon pails (55 gallon drums available)

SURFKOAT™

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INSTRUCTIONS FOR USE

Always test the surface to be prepared for previous coatings. This product will not work properly over coated concrete surfaces and is not to be used as a chemical coating stripper. It is always recommended to test Efflorescence Cleaner prior to application for proper dilution rates, application coverage rates, and simply to ensure this product is what is needed for your application.

Sweep all trash and debris off the area to be cleaned and prepared.

1. Protect all areas not to be cleaned and prepared. Mask off all adjacent surfaces with painter's tape or plastic duct tape. Use a plastic or coated cardboard as a spray shield. Plastic or polyethylene sprayers and buckets are recommended for application.
2. Dilute material with water to desired dilution rate (1:4 w/water for efflorescence cleaning, or up to 1:9 w/water to clean pavers and hardscape surfaces). Pour cold water into mixing pail, then add **Efflorescence Cleaner**. Do not mix with warm or hot water.
3. Pre-wet the surface to be cleaned. Using a polyethylene pump-up sprayer, apply at a rate of up to 200-400 sq. ft. per gallon of finished product (diluted). Always use an acid resistant plastic sprayer. Work in areas of approximately 200 square feet at one time, covering the entire working surface not leaving dry areas or spots. Overlap sections prior to moving on to remaining areas.
4. Allow 5-10 minutes for proper reaction, then by use of an acid resistant brush, work cleaner into the surface. Rinse thoroughly with water. Repeat until floor is clean and free of all material. Note: high pressure 500-1000 psi rinsing is recommended for best results. Make sure a final rinse of a water/ammonia blend solution such as **Balance**, to neutralize the surface for proper pH level is applied. Remove standing water with a wet vacuum.
5. Clean all equipment and tools with a warm soap and water solution.
6. Allow the area to dry 18-24 hours to make sure the surface is bone dry and prepared for most any stain or coating application.

For oil, grease, or any other type of petroleum based stain, use **Citrus Degreaser**.

Caution: Do not allow **Efflorescence Cleaner** to dry into the concrete or hardscape surface as an excess acidic residue may be left.

CLEAN-UP

Use warm soap and water. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Not applicable.

PRECAUTIONS AND LIMITATIONS

- ▶ **Efflorescence Cleaner** can freeze during storage. Storage in area between 50 F and 85 F recommended.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so acidic fumes are not distributed.
- ▶ **Efflorescence Cleaner** is corrosive. Proper protection should be worn during application.
- ▶ It is not recommended to apply **Efflorescence** over sealers, carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Efflorescence Cleaner** was designed for interior concrete, exterior concrete, and masonry hardscape surfaces.
- ▶ Be aware that using this product will etch concrete surfaces. Overuse could result in slight discoloration.
- ▶ Once **Efflorescence** is applied to bare, cured concrete, it will etch the floor! Please Test prior to use.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 615-323-9461.

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