

## EFFLORESCENCE CLEANER

hardscape efflorescence cleaner & stain remover

### CLEANERS



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.



### Specifications / Compliances

- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

### Key Features & Typical Benefits

- Lower odor than many similar cleaners.
- Formulated as an economical, concentrated solution which can be diluted up to 1:9 with water.
- The safer replacement to harsh muriatic acid for hardscape cleaning.
- Excellent product for use on integrally colored concrete & mortars, when used as directed.
- Contains 0 g/L VOC content making this product legal for sale to all regions of the US and Canada.

### Recommended Applications

Effective on applications such as...

- Broom Finish Concrete
- Smooth Finish Concrete
- Pavers
- Driveways
- Sidwalks & Patios
- Brick & Block Retaining Walls
- Many other concrete or masonry surfaces with tough stains that need to be removed.

### Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	Refer to Directions
Dry Time - Foot Traffic	Refer to Directions
Dry Time - Heavy Traffic	Refer to Directions
Re-Coat Time Window	Refer to Directions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Transparent Blue
Appearance - Dry	N/A

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

# Efflorescence Cleaner

## Application Instructions

**SURFACE PREP:** 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.

**MIXING:** Stir well before using. Material may separate during long term storage.

**COVERAGE RATE:** *First Coat* : 200 - 400 ft<sup>2</sup> per gallon\*      *Optional Second Coat* : 200 - 400 ft<sup>2</sup> per gallon\*

\*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 9 times the coverage rate per gallon purchased.

### APPLICATION:

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.

**PLEASE NOTE:** It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.

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## Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product may affect the surface of many new and existing concrete slabs. Test prior to use.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product is not a stripper and may not emulsify acrylic, epoxy, urethane, or any other coating.
- This product may be diluted. Note, the higher the dilution rate, the less strength to clean.
- This product is corrosive. Proper protection should be worn during application.
- One this product is applied to bare, cured concrete, it will etch the floor! Please Test prior to use.
- Be aware that using this product will etch concrete surfaces. Overuse could result in slight discoloration.

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**CLEAN-UP:** Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

**PRODUCT REMOVAL:** Refer to directions.

**SHELF LIFE:** Up to one year from manufacture date in its original, unopened container stored at room temperature.

**PACKAGING:** Available in 1 gallon and 5 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.