



## Efflorescence Cleaner

for Pavers and Slabs



### UPDATE

**March 14, 2010**

Make sure that you have an up-to-date technical data sheet in hand by consulting our Web site: [techniseal.com](http://techniseal.com)

U.S.A. and Canada: dial 1 800 465-7325

Others: dial (514) 523-8324 (Canada)

### APPLICATIONS

- Pavers, slabs and retaining walls made of concrete
- Driveways, patios, terraces, commercial parking lots, pedestrian areas, etc.

### PROPERTIES

- Dislodges efflorescence and ground-in dirt
- Brightens up color and prepares surface for the application of a sealant
- Easy to rinse

### DESCRIPTION

TECHNISEAL EC EFFLORESCENCE CLEANER FOR PAVERS AND SLABS is a phosphate-free product specially formulated to dissolve efflorescence (whitish salt) and remove ground-in dirt (traffic marks, etc.) on pavers, slabs and retaining walls made of concrete. Containing no hydrochloric (muriatic) acid, it works deep without discoloring or damaging the surface. It brightens up the color, cleans evenly and enables PROTECTORS to better penetrate the material. TECHNISEAL adaptable SPRAYER (sold separately) makes application easier and quicker.

### DIRECTIONS

Wear adequate protective clothing. **To ensure the results will meet your expectations, it is advisable to test the product on a small hidden area of approximately 4 sq. ft..**

Do not apply under blazing sun. Do not apply with a mop or a broom. Never let EC EFFLORESCENCE CLEANER dry on the surface; keep it wet until it is completely rinsed off. Never apply the product at full strength; dilute with 4 or more parts water. If a water-based protective product is to be applied, perfectly rinse product residue off the surface. Do not use on natural stones or poured concrete. Protect people, property, vehicles, plants, glass, wood, and all non-masonry and acid-sensitive surfaces from product. Protect and/or divert all traffic. Do not alter product. Do not mix product with any other chemicals. It is the responsibility of the user to know and follow all approved safety procedures and to comply with all applicable federal, provincial, and local laws, regulations and ordinances. Never use this product without first consulting with local authorities regarding the application of chemical products, waste management and run-offs.

**Wetting:**

To reduce the penetration of EC EFFLORESCENCE CLEANER down sand joints and thus make product easier to rinse, first wet the surface to saturate joints with water; then let the surface dry, and apply product.

**Automatic dilution:**

Attach a TECHNISEAL SPRAYER onto the 1 gallon container and connect a garden hose to the SPRAYER.

**Manual dilution:**

Into a plastic watering can or using a professional spraying system (tank, pump and piping), dilute 1 part product in 4 or more parts water.

**Application:**

Work one section (200 sq. ft.) at a time. Spray the diluted product solution, making sure to cover the whole surface of the section without leaving any dry spots. Gently scrub using a long-handled brush, and rinse immediately and thoroughly until all traces of foam disappear. Repeat cleaning on the next section, overlapping the edges of previously cleaned section. Once the entire surface is clean, rinse thoroughly and let dry. Repeat if necessary.

**COVERAGE**

1 gallon of concentrated product cleans approx. 200 sq. ft. Coverage will depend on surface condition and dilution.

**STORAGE and SHELF LIFE**

Product must be kept in its original, unopened and tightly sealed container and stored in a dry and well ventilated place with controlled temperature (40°F to 75°F). Keep sheltered from weather and direct sunlight. Properly stored, the product's shelf life is 3 years following production (see date on packaging).

**PACKAGING**

Product Code	Retail Size	Pro Size	Units per box	Units per pallet
121-533	1 gal.	—	4	144
221-536	—	5 gal.	—	48

**WARNING**

**DANGER. POISON. CORROSIVE. CAUSES IRREVERSIBLE EYE AND SKIN DAMAGE. VAPOR EXTREMELY IRRITATING. MAY CAUSE DELAYED LUNG INJURY. MAY BE FATAL IF SWALLOWED.** Do not get in eyes, on skin or on clothing. Avoid breathing vapor or mist. Do not take internally. Use only with adequate ventilation. Keep container closed when not in use. **FIRST AID:** In case of contact with eyes or skin, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration and get medical attention. Wash contaminated clothing and thoroughly clean contaminated shoes before reuse. If swallowed, get medical attention immediately. Do not induce vomiting unless directed to do so by medical personnel.

CONTAINS: Sulfamic Acid and Nitric Acid. **KEEP OUT OF REACH OF CHILDREN.**

FOR MORE INFORMATION, CONSULT THE MATERIAL SAFETY DATA SHEET

**SHIPPING****Land and sea**

NOT REGULATED

Corrosive Liquid, Acidic, Organic, N.O.S. (Sulfamic Acid, Glycolic Acid)

Class: 8

UN Number: 3265

Packing Group: III

(Flash Point: n/a)

## LIMITED WARRANTY

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Manufacturer, having no control over the use of the materials, does not guarantee finished work. Replacement of any defective product shall be the buyer's sole remedy under this warranty. A proof of purchase will be required for any claim. Before using this product, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. User shall test product in a small inconspicuous area (approx. 4 sq. ft.) under projected conditions of use. In the event that no test was carried out, the warranty will only apply to 4 sq.ft. (0.4 m<sup>2</sup>). This limited warranty excludes any liability for any consequential, incidental, indirect or special damages. Except for the limited warranty made above, manufacturer specifically disclaims and excludes any other express warranty, any implied warranty of merchantability of goods and implied warranty of fitness of goods for any particular purpose.