

## EFFLORESCENCE (CALCIUM CHLORIDE) REMOVER

### DESCRIPTION AND USE

Ef-fortless is a soap solution that counteracts efflorescence. The product is mildly acidic and safe for virtually all surfaces. When Ef-fortless stops foaming, the efflorescence is gone. The product does not need to be rinsed from vertical surfaces (option). When used on horizontal surface it must be rinsed.

### ADVANTAGES

- \* Helps control return of efflorescence
- \* Safe on glass
- \* Do not have to use pressure washer
- \* Improves productivity
- \* Reduces liability

### LIMITATIONS

\* Product is very mild but may be corrosive to certain woods, metals, and plants. Coverage may be required.

### TECHNICAL DATA

Appearance & Odor: Amber color, mild biting odor.  
Physical State: Liquid  
pH: 2.0  
Vapor Pressure (mmHg): As water  
Vapor Density (air=1): As water  
Boiling Point: 210° F  
Freezing/Melting Point: N/A  
Specific Gravity (water =1): 1.08  
Evaporation Rate: As water  
Solubility in water: Complete

### PREPARATION

Protect adjacent and surrounding building hardware not intended to be cleaned.

### SURFACE & AIR TEMPERATURES

Excessively low temperatures will produce poor results and possible harm. Best cleaning results are obtained when air and surface temperatures are 40° Fahrenheit or above. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for surface to thaw.

### PRE-TESTING

Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each type of surface and stain designated to be cleaned. Test also to determine the desired surface contact time and any potential for adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results.

### DILUTIONS

Use undiluted (straight)

### COVERAGE RATES

Coverage rates will vary from 50 - 125 sq. ft. per gallon depending on the surface porosity, texture and severity of staining.

### APPLICATION INSTRUCTIONS

Spray on Ef-fortless undiluted onto a dry surface, repeat as needed. When product does not foam on contact the efflorescence will be gone. When using a sealer, rinse to remove any chemical residue.

### PRECAUTIONARY MEASURES

Always wear goggles and rubber gloves when handling this product. Keep off of skin and clothing. If material comes in contact with clothing, wash before reuse. Do not dilute Ef-fortless with any product. Do not use for any other applications other than specified. Do not remove label. Read Material Safety Data Sheet for additional safety and health hazard information prior to use. Do not get in eyes, on skin or clothing. Avoid breathing fumes. Keep container closed when not in use. Use with adequate ventilation. Applicators should wear boots and gloves, face shields and/or goggles to avoid splash to bare skin and eyes. NIOSH/MSHA approved respiration for use with acids if adequate ventilation is unavailable. Though the potential for fuming of Ef-fortless is minimal, take precautions to avoid exposing building occupants to fumes. Dispose of empty containers according to federal, state, and local requirements. Avoid drifting of material or rinse water onto autos and pedestrians by protecting or diverting such traffic.

### SPILL OR LEAK PROCEDURES

Check with the state, local, or federal regulations for waste disposal methods in the area. Wear proper protective equipment while doing cleanup. For large spills, dike and contain for intended use. For small spills, use a chemical absorbent product and place in approved container for disposal.

### CONTAINER HANDLING/STORAGE

Store the product in a cool, dry place away from alkali/base. Do not allow this product to freeze. Vent bung cap before opening. Keep container tightly closed when not in use. Wash thoroughly after handling. Empty containers retain residue and vapors and must be handled as if full. Completely rinse drum prior to disposal.



# EF-FORTLESS

## PRODUCT SPECIFICATION EF-FORTLESS

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#### **INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE**

Eyes: Flood with water for fifteen minutes. Seek immediate medical attention.

Skin: Wash off with soap and water. Follow with a good skin emollient. If irritation persists, call physician.

Inhalation: Remove to fresh air. Call physician and seek medical attention if irritation develops.

Ingestion: Drink large amounts of water. Call physician. Seek immediate attention.

#### **NOTICE**

This product has been classified in accordance with the hazard criteria of the CFR.

#### **DISCLAIMER**

The information herein is given in good faith, but no warranty, either expressed or implied, is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.

#### **CUSTOMER SERVICE**

Factory personnel are available for assistance at 800-313-8505 and will send you additional information on products as necessary.

