

# TDS F-Lo Efflorescence Cleaner

## F-Lo

PREMIUM CLEANER

# PURJ

CLEAN  
SEAL  
RESTORE

MULTI-SURFACE  
EFFLORESCENCE CLEANER

### PURJ F-Lo Multi-Surface Efflorescence Cleaner

#### Directions for Application

(1 Quart of concentrate makes 2 gallons of mixed cleaner)

#### Mixing: 1 Gallon

- 1-Remove 16oz plastic cup from top of box
- 2-Close top lid & lock tab. Push in top finger slot
- 3-Push In Red Circle and Remove
- 4-Pull TAB Forward
- 5-Pull out spout & lock into circle
- 6-Push TAB back in & secure into groove
- 7-Remove safety tab on spout
- 8-Fill a 1 gal pump sprayer or container approx half way with water
- 9-Fill included 1 16oz cup contents & pour into 1 gal water container
- 10-Top off rest of gallon with water up to 1 gal line, close lid & shake

\*Protect all plants, vegetation & grass before applying

**Uses:** Driveways, Sidewalks, Patios, Pavers, Steps, Retaining Walls, Knee Walls, Ledgerstone, Natural Stone, Veneering, Brick, Unpolished Marble, Asphalt etc..

**Pre-Cleaning:** Clean surface from debris, oil, algae, etc.. prior to applying F-Lo. For best results use a masonry cleaner

e.g. X20 CITRUS CLEANER and a pressure washer

#### General Cleaning: Primary Efflorescence

(White powdery calcium & hard water stains e.g. newly installed cement pavers & brick)

Apply a liberal coat with a pump-up sprayer or hand-held sprayer. Instant foaming should occur.

When foam dissipates, usually in a few minutes, rinse thoroughly with a pressure washer or hose.

If area dries prior to cleaning, mist with water.

Repeat on areas that may have heavy build up if needed. If areas are still visible, reapply and let dwell for at least 5 minutes.

Scrub with a hard bristle brush then rinse.

#### Heavy Cleaning: Secondary Efflorescence

(Heavy thick buildup of calcium e.g. vertical run off)

**Mixing:** (1-2 cups per gal) or undiluted for full strength

For heavy build up, scrape off thick calcium with a paint scraper and or wire wheel with an angle grinder.

Apply with a pump-up sprayer or hand-held sprayer.

Stubborn & embedded stains will often take several attempts. Heavy Calcium is a build up over time so re-application and patience is important.

#### Concrete Etching:

**Mixing:** (1-2 cups per gal) Apply a liberal coat with a pump-up sprayer. Instant foaming should occur.

Let dwell for approx.15 minutes. Rinse thoroughly with a pressure washer or hose. Repeat on areas that have heavy build up if needed.

**Notes:** Always test an inconspicuous spot first.

Visit our website at [cleansealrestore.com](http://cleansealrestore.com) for more product details & how to videos.

**Coverage:** 150-200 sq ft/gal for most masonry surfaces. Depends on application use.

**Clean up:** Rinse equipment with soap & water.

Flush out pump sprayer with water after use.

**Packaging size:** 1 quart

**Contains: Hydrochloric Acid. Warning: Corrosive.**

#### WARNING: KEEP OUT OF REACH OF CHILDREN AND PETS

**Protection of hands:** Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Material of gloves; Butyl rubber, BR Fluorocarbon rubber (Viton), Nitrile rubber, NBR Natural rubber, NR Chloroprene rubber, CR Neoprene gloves.  
**Eye Protection:** Tightly sealed chemical goggles and face shield.

**Body protection:** Acid resistant protective clothing & boots.

**Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### FIRST AID MEASURES

**Inhalation:** Take affected persons into fresh air and keep quiet. Supply fresh air. Call a doctor immediately

**Eye Contact:** Avoid contact with eyes. If contacted, rinse opened eye for several minutes under running water. Call a doctor immediately.

**Skin Contact:** Immediately wash with water and soap and rinse thoroughly. Call a doctor immediately.

**Ingestion:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. **NOTE:** Never give an unconscious person anything to drink.

**Information for doctor:** Most important symptoms and effects, both acute and delayed: Causes severe skin burns and eye damage. Gastric or intestinal disorders. Indication of any immediate medical attention and special treatment needed Medical supervision for at least 48 hours.

**SDS available upon request:** [info@cleansealrestore.com](mailto:info@cleansealrestore.com)

**Precautions for safe handling:** Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. When diluting always pour product into water and not vice versa.

**Conditions for safe storage, including any incompatibilities:** Store only in the original receptacle. Use polyolefin receptacles. Provide acid-resistant floor.

**Information about storage in one common storage facility:** Store away from reducing agents. Store away from metals. Do not store together with alkalis (caustic solutions). Do not store together with organic materials. Further information about storage conditions: Keep container tightly sealed.

**Product Warranty:** Clean Seal Restore, Inc. warrants F-Lo to the original purchaser or end user, that when applied and maintained as directed, will perform as represented and claimed. This warranty is NOT transferable. In the event of failure, the only obligation of Clean Seal Restore, Inc. shall be to replace such products proven to be defective for reapplication to the area. Before application, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein. Neither seller nor manufacturer shall be liable for any injury or inability to use this product. The product warranty does not extend to or cover misapplication or misuse of the product, including the use of abrasive or harsh cleaners or application tools; excessive soiling from lack of proper cleaning or neglect; wear and tear of the surface resulting from prior damage and exposure to weathering or abrasion. Clean Seal Restore, Inc. will not be liable or responsible for any damages to property or costs associated with the warranty, including any labor or equipment cost associated with re-application of the product by the original purchaser or end user as registered, for the intended application area.

**Please use the product as instructed on the original label for complete details and safety measures.**

FOR EMERGENCY  
MEDICAL ASSISTANCE  
CALL 800-535-5053

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