

# FOX FIRE

CLEANERS + SEALERS + CORROSION CONTROL

## STAIN AND EFFLORESCENCE REMOVER

- Successfully eliminates water-soluble salts from most masonry surfaces.
- Removes or reduces appearance of organic/inorganic stains.
- Replaces heavy acids. VOC 10g/1000g
- Non-Flammable – Flash Point > 200° F

**DESCRIPTION:** Foxfire Stain and Efflorescence Remover is a blend of inorganic acids in a surfactant solution of water-soluble and biodegradable detergents formulated to clean masonry surfaces. Foxfire Stain Efflorescence Remover eliminates water-soluble salts from most masonry surfaces.

**USAGE:** Product can be used on concrete, precast and cast-in-place, aggregate, brick, stone surfaces, mortar, and masonry units.



SIGNAL WORD: DANGER.  
CORROSIVE, POISON. ACUTE IRRITANT.

- PROPER DOT SHIPPING NAME: Ammonium Hydrogen difluoride, Solution
- UN\NA ID NUMBER: UN 2817 - DOT HAZARD CLASS: 8, 6.1 - Packing Group: II
- LABEL: Corrosive, Poison
- PLACARD: Corrosive, Poison

**PRECAUTIONS:** Use eye protection, gloves and appropriate clothing to avoid skin contact. Protect all non-targeted surfaces, window glass, vehicles, aluminum, paint films and plant life from overspray.

Non-protected surfaces should be pre-wet with water and continuously rinsed with water. Keep out of lakes, streams and water ways. Pedestrian and auto traffic should be diverted.

A dust mist respirator is required at all times when using this product. Remove overspray immediately with soap and water. If hydrogen fluoride levels are above the TLV a NIOSH-approved respirator with acid vapor cartridges is required.

**WARNING:** Eye and Skin exposure may cause severe irritation and burns. Product may be absorbed through the skin and

may produce signs of fluorosis such as weight loss, brittleness of bones, anemia, weakness and stiffness of joints. Ingestion may cause severe irritation to gastrointestinal tract, nausea, vomiting and abdominal pain.

Death may occur from respiratory paralysis. Chronic exposure may lead to fluorosis. Internal bleeding may develop. Inhalation may cause severe irritation to mucous membranes and possibly pulmonary edema. Effects may not be immediately apparent, especially with dilute solutions. First Aid procedures should be followed even in cases of suspected contact.

- **EYE CONTACT** : Flush with large amounts of water for at least 15 minutes, until no evidence of chemical remains. Continue irrigating with normal saline until the PH has returned to normal (30-60 minutes). Cover with sterile bandages and seek medical attention immediately.

- **SKIN CONTACT** : Remove contaminated clothing and shoes. Wash exposed areas thoroughly with soap and water for at least 15 minutes. In case of chemical burns cover area with sterile, dry dressing. Bandage securely but not too tightly. Get medical attention immediately.

- **INHALATION** : Remove to fresh air. Provide artificial respiration if breathing has stopped. Maintain airway and administer oxygen, if available. Administration of oxygen should be performed by qualified personnel. Get medical attention immediately.

- **INGESTION** : Get medical attention immediately! Do not induce vomiting. Drink copious amounts of water, milk, lime water or a solution of calcium gluconate. Get medical attention immediately!

**APPLICATION:** Shake well before using. Protect from freezing.

**Method:** Acid-resistant low-pressure sprayer with flood jet nozzle or acid resistant brush. Application air temperature 40°F or above.

If freezing has occurred, allow masonry to thaw before applying.

Perform test area on the required surface to determine product effectiveness and coverage.

Depending upon the type of masonry and the magnitude of the efflorescence problem, product can be used at different dilution ratios. Consult Foxfire for dilution information, further information or installation instructions.

Apply Efflorescence Remover liberally with a soft densely fibered synthetic acid brush or an acid-resistant sprayer. Sprayer should be set with low pressure (25 psi or less) using a flood jet nozzle. Let the product work on the surface for 5-15 minutes. Cycle washing may be needed depending upon the level of contamination. Rinse area with a pressure washer (1500 psi or higher) until all foam disappears.

For continued protection from moisture, mildew, water damage, and other atmospheric pollutants, we recommend treating the newly restored surface with Foxfire MATRIX PRO and FOXFIRE 5000WB water repellent.

**CLEAN UP:** Do not leave behind any empty containers or equipment with leftover residue. Dispose as per local regulations. Label containers for appropriate disposal. Keep out of lakes, streams and water ways.

**COVERAGE:** 50 – 100 sq ft per gallon

Phone: (254) 829-1943 | [www.foxfireusa.net](http://www.foxfireusa.net) | [info@foxfireusa.net](mailto:info@foxfireusa.net)

Contact Foxfire Technical Services for further information or application instructions.

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