



## Safe n Easy® Efflorescence Remover

## Tech Data Sheet

**Product Description & Use:** Safe n Easy® Efflorescence Remover is a safe, powerful, environmentally friendly, VOC free, non-toxic, biodegradable, better alternative than conventional muriatic and hydrochloric formulations. Safe n Easy® Efflorescence Remover can be used on most dense types of masonry surfaces to remove even the most severe cases of salt, calcium and magnesium deposits. Safe n Easy® Efflorescence Remover is a non-fuming product that is more effective than other acids in dissolving efflorescence salts and has none of the hazards that are inherent with commonly used acids. Safe n Easy® Efflorescence Remover contains surfactants that provide detergency properties that will also help in the removal of oil/grease stains.

### **Features & Benefits:**

- Safer and More Effective than Muriatic and Hydrochloric Formulations.
- Zero VOC, Biodegradable, Non-Toxic and Bleach Free.
- Will not Frost Glass.
- Restores Surface to its Natural Appearance.

**Limitations:** Safe n Easy® Efflorescence Remover can be used on the following masonry surfaces: brick, masonry, limestone, sandstone, flagstone, concrete pavers, travertine and most other masonry surfaces after testing is done. Safe n Easy® Efflorescence Remover should be used in temperatures between 40° and 95° Fahrenheit. Not recommended for the use on copper, zinc, aluminum, drywall, plywood, wood surfaces, gypsum, veneer, and most plastics.

**Test Patch:** Always prepare a test area on each type of surface. Testing before beginning the project is the best way to ensure product suitability and efficacy. This will also teach the user how to handle the product, gauge how to apply, and, determine how long it must remain in place (dwell time) before removing. Applying incorrectly, or, removing too quickly, may result in the need for more than one application, increasing your labor and material costs.

**Recommended Substrates:** **Safe n Easy® Efflorescence Remover** can be used on the following masonry surfaces: brick, masonry, limestone, sandstone, flagstone, concrete pavers, travertine and most other non-polished masonry surfaces after testing is done.

**Preparation:** Cover and protect areas where cleaning is not desired, including adjoining surfaces where overspray may travel; keep protection in place during removal process. Polyethylene plastic and masking tape create an effective barrier. Nearby plants and other foliage should be covered during application and removal. On hot and humid days, or when working in direct sunlight, dampen the surfaces with water prior to applying **Safe n Easy® Efflorescence Remover** to keep the product from evaporating too quickly.

**Surface and Air Temperatures:** To avoid product from freezing and reducing effectiveness do not use below 40° degrees Fahrenheit. For best results, use product in temperatures above 50° degrees Fahrenheit and below 90° degrees Fahrenheit. Product effectiveness is increased in warmer temperatures.

**Application & Spread Rate:** Apply **Safe n Easy® Efflorescence Remover** with a pump-up sprayer or trigger spray bottle. It is important to apply bottom to top to avoid any streaking. Leave on for a minimum of 15 – 30 minutes or the time determined during testing, depending on the contaminants present agitate with a nylon bristle brush if necessary. **Safe n Easy® Efflorescence Remover** provides an average spread rate of about 200 - 250 sq. ft. per gallon; results may vary. **Dumond Chemicals** recommends working in smaller manageable areas that can be rinsed before the product can dry to the surface.

**Spray Application:** Low pressure sprayer or garden sprayer recommended.

**Removal & Clean Up:** Remove **Safe n Easy® Efflorescence Remover** by either high pressure washing, a minimum of 1500 PSI, or using a scrub brush to agitate the surface then rinsing with a hose. Thoroughly wash the surface, from top to bottom again to avoid any streaking, until the foaming action stops to remove all remaining product. Before beginning, especially when power washing, use polyethylene plastic to protect adjacent surfaces from splash back and run down. Collect material removed and dispose of in compliance with Federal, State and local regulations. Allow surface to dry completely before re-coating. Rinse with water from top to bottom again to avoid any streaking. All masonry building materials contain natural salts. These salts remain trapped within masonry in solid form until they are dissolved into water. When dissolved in water, it usually makes its way out of the material through small pores. The water can originate from rain, sprinklers, household leaks, or any number of other places. In the winter, the heat in the building will move outward and drive this moisture in front of it. When the water/salt solution reaches the exterior wall surface the cold, dry air will evaporate the water, leaving the salt as a white crystalline growth on the surface. Efflorescence typically

forms during cold, dry weather which is when masonry buildings do their drying out. It can occur year-round, but it is most likely to form during the winter due to low temperatures.

**Best Practices:** Always test patch each type of surface for efficacy and dwell times.

- Always test patch each type of surface for efficacy and dwell times.
- Always apply **Safe n Easy® Efflorescence Remover** from bottom to top and rinse from top to bottom to avoid streaking.
- Do not work in large areas and allow product to dry to the surface before you can rinse it off.

**Availability & Cost:** **Dumond® Chemicals** products are available through a nationwide network of paint stores, hardware stores and safety supply distributors. For outlet nearest you please visit [www.dumondchemicals.com](http://www.dumondchemicals.com) once on the website type your zip code or postal code into the dealer locator to find addresses and phone numbers of your nearest dealer.

**Regulatory Information:** **Safety, health, and environmental regulations specific for the product in question.**

**CERCLA Hazardous Substances (Section 103)/RQ:** Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for the product, based on the RQ for Potassium Hydroxide (5% maximum) of 1,000 lbs, is 20,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 Hazard Classification:** Acute health, chronic health.

**EPA SARA 313:** This product does not contain chemicals regulated under SARA Section 313.

**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

**California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

**Canadian Environmental Protection Act:** All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

Dispose in accordance with all local, state and federal regulations.

**Health & Safety Requirements:** Not for internal consumption. While **Safe n Easy® Efflorescence Remover** is formulated to be safe for the user, surface and environment, proper safety procedures should be followed at all times when handling this product. Read the full label and MSDS for precautionary instructions before use.

**24-Hour Emergency Information:**

1-800-535-5053 **North America** or 1-325-323-3500 **International**

**Warranty:** Dumond® Chemicals, Inc. warrants all of its products to be free from defects, and makes no other warranties with respect to its products, express or implied, including without limitation the implied warranties of MERCHANTABILITY OF FITNESS FOR PARTICULAR PURPOSE. Dumond® Chemicals, Inc. liability shall be limited in all Events to supplying sufficient products to re-treat the specific areas to which defective product have been applied. Dumond® Chemicals, Inc. shall have no other liability, including liability for incidental, consequential or resultant damages whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of Dumond® Chemicals, Inc. or its distributors, and dealers.

**Technical Services:** Dumond's expert staff is available to answer technical questions and provide product-specific information. On-site assistance is available at no additional cost. Call 800-245-1191, email [info@dumondglobal.com](mailto:info@dumondglobal.com) or visit [www.dumondchemicals.com](http://www.dumondchemicals.com) with product or technical questions.

**Technical Data:**

- **Form** - Clear Liquid
- **Wt. /Gal** – 10 lbs.
- **Flash Point** - None
- **pH** – 1
- **VOC** - 0
- **Freeze Point** – 32 Degrees
- **Shelf Life** – 3 Years



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