

# **E-R EFFLORESCENCE-RID**

A fluid applied cleaner that removes efflorescence from concrete, brick, block, stucco and other masonry surfaces.



January 2014

## Physical Constants

**Specific Gravity:** (H<sub>2</sub>O=1) 1.2 @ 24° C.

**Solubility in Water:** Soluble

**Evaporation Rate:** ( Butyl Acetate=1): N/A

**pH:** 1.0 (Corrosive)

\* *Hydrochloric acid* CAS # 7647-01-0  
DFG MAK 5ppm UN 1789

**Viscosity:** More than water

**Method of Application:** Sprayer & pressure washer

*Clear Orange Liquid - Acid Odor*

**COVERAGE RATE:**

5-7 m<sup>2</sup>. / litre (Depends on roughness of surface & degree of efflorescence)

**CONTAINER SIZES:**

2-Litre Bottles

5-Litre Jugs

10-Litre Cubes

20-Litre Cubes

208-Litre Drums

## PRODUCT ADVANTAGES

**Efflorescence-Rid efflorescence remover is:**

**Economical \* Fast \* Non-Flammable \* Non-Toxic \* Easy Clean-up \* Biodegradable \* Considered a 'Green Product'**

## TYPICAL USES

For industrial, commercial and residential use on sidewalks, driveways, parking decks, floors, ramps, walls, brick, pavers, stucco, cinder block and stone.

*For exterior use only. Corrosive*

### Limitations:

Apply in good weather when air and surface temperature are above 7°C. and surface temperature is at least 15°C. above the Dew Point.

For optimum application properties, materials should be between 21-32°C. prior to application. Maintain unused material in closed containers in protected storage at 21-32°C **out of direct sunlight.** *This product is considered Corrosive.*

*(Class 8) \* Hydrochloric acid CAS # 7647-01-0 DFG MAK 5ppm*



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# **E.R EFFLORESCENCE-RID** EFFLORESCENCE REMOVER

## APPLICATION INSTRUCTIONS

### **SURFACE PREPARATION:**

1. Always test on surfaces prior to application. **Some surfaces can become bleached.**
2. Water all surrounding grass and shrubs well before starting application of **Efflorescence-Rid.**

Clean all dirt and soil off surface using **Red-PowerClean Degreaser.**

**Efflorescence Remover** is more effective if surface is slightly dampened prior to application.

### **Cleaning with Efflorescence Remover**

Apply **Efflorescence- Rid** with a plastic garden pump sprayer.

1. Allow 3-5 minutes for **Efflorescence Remover** to foam and work to clean the efflorescence. Time depends on the degree of efflorescence and the durability of the surface (This is why Testing is important)
2. Agitate concrete surface **using a stiff nylon brush**, broom or rotating concrete scrubber and a 3000 psi pressure washer. Professional applicators can use Zero Tip /turbo nozzle if needed.
3. Power wash away all dirt and remaining **Efflorescence Remover** and rinse well. **Re-apply** on any remaining tough spots or where foaming on surface has occurred until all efflorescence is removed.  
 Manufacturer recommends OSHA compliant chemical gloves, eye protection and rubber boots.
4. Rinse everything with plenty of water. Rinse equipment immediately after use.
5. **When surface is completely dry**, surface should be sealed with **SEALTIGHT Masonry Sealer** to seal surface and to help keep future efflorescence from forming.

6. Efflorescence-Rid can be neutralized with a solution of water and baking soda.

7. Clean-up: Clean all equipment with **Red-PowerClean Degreaser** and water.

### **Safety:**

Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product. User is specifically directed to consult the current Material safety Data Sheet for this product as well as precautions contained on product labeling.

**This product is considered Corrosive.**

### **Safety Health Hazard Data**

\* **Hydrochloric acid CAS # 7647-01-0**

### **ROUTE(S) OF ENTRY:**

**INHALATION?** Yes **SKIN?** Yes

**INGESTION?** Yes

**EYES?** Yes

### **HEALTH HAZARDS (ACUTE AND CHRONIC):**

#### **Breathing:**

**Mist can cause damage to nasal and respiratory passages.**

**Eyes: Causes Burning. Skin: Causes Burns**

**Swallowing: Resulting in Severe Damage to Mucous Membranes.**

**EYES:** Flush with clear water for 15 minutes.

**SKIN:** Flush with a solution of water and baking soda.

**INGESTION:** Drink large volumes of clear water.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen.

**FOR ALL CASES, SEEK MEDICAL ATTENTION.**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:**

**CONTAIN SPILL, absorb and store in DOT approved container.**

**Neutralize surface with ground limestone or baking soda**

**WASH ALL SURFACES WITH CLEAR WATER**

**Notice:** The technical data contained herein is true and accurate to the best of our knowledge. No Warranty is expressed or implied regarding the accuracy of these or results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by material if reasonable safety procedures are not adhered to as stipulated in the data sheets. Additionally, Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.

All products are offered and sold subject to Scientific Waterproofing Products Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.



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