



One Earth Concrete, Tile and Grout Brightener

Acidic cleaner for non-resilient hard surfaces

FOR PROFESSIONAL USE ONLY

Water scale removal • Low odor • Rust removal • Low corrosivity • Grout brightener

BACKGROUND

Non-resilient floors, walls and countertops often become soiled with hard water scale, efflorescence and rust. Acidic products are usually very effective at removing these soils. Beyond cleaning, these acidic products also brighten certain colors of grout through a mild chemical etching action.

A variety of acids have been used for this type of cleaning over the years and many have side effects such as strong odor, corrosion to skin and surfaces, and adverse environmental impact. **One Earth Concrete, Tile and Grout Brightener** is an effective cleaner but uses a naturally derived acid system that does not produce strong odors. Indeed the product is not considered a corrosive for shipping or storage purposes. **One Earth Concrete, Tile and Grout Brightener** contains a low corrosion acid system and has no added fragrance.

One Earth Concrete, Tile and Grout Brightener is intended to be used as part of the Hard Surface Cleaning System.

The recommended uses for this product include:

1. Cleaning acid-workable soils, usually hard water scale, from non resilient surfaces such as certain natural stones*, concrete, ceramic tile, Mexican tile and so forth
2. Removing rust stains from these nonresilient surfaces
3. Brightening grout lines.

* - Note: Avoid contact with surfaces that can be damaged by acids. Examples include carbonate-based materials such as natural marble, terrazzo and travertine. Some metals can also be damaged by contact with acids. Also follow use instructions to avoid personal injury.

ITEMS NEEDED

Note: be sure all equipment operates properly before arriving at the customer's location.

Cleaning product: One Earth Concrete, Tile and Grout Brightener

Additional products:

- **One Earth Concrete, Tile and Grout Cleaner**
- **One Earth Floor Cleaner**
- **Foam suppressant** (optional in the event that foam generates in the vacuum system)

Personal Protective Equipment (PPE) as specified in the Safety Data Sheet (SDS). Be sure to use shoe covers to protect the feet from moisture and chemical contact and to achieve good footing. The floor can become quite slippery during certain cleaning procedures so use appropriate caution.

Supplies: adequate supply of clean cloths and a plastic bag for the storage of soiled cloths, measuring cup, sharp knife for probing floor condition, dropper bottles with ready to use solutions of cleaning products (to be used in prequalification), hand brush

Equipment:

- Best results are obtained when using a truck mount cleaning system capable of delivering water at 2,500 psi (175 kg/cm²) at 5.5 gallons (21 L) per minute. The Sapphire Scientific 2500HS is suitable for this application.

Sales/Tech support: 800-932-3030 • Technical support: 800-332-6037 • Emergency: 800-535-5053

- Pressure washing power head for use on hard floors
- Pressure washing hand tool for use on vertical surfaces and countertops
- Dispenser for applying ready to use solutions of the product
- Rotary floor machine with nylon brush

PREQUALIFICATION: Check compatibility of product with the surfaces prior to use.

INSPECTION

- Non resilient surfaces are prone to a number of defects including cracked tiles, loose or improperly installed tiles or grout, damage from prior cleaning, stains that cannot be removed or surface coatings that cannot be removed. These surface coatings will prevent the cleaning solutions from reaching the soil.
- A full description of the prequalification procedures is beyond the scope of this User Guide. Refer to the Hard Surface Inspection Procedure, Hard Surface Training Program or IICRC Hard Surface Certification program for additional information.
- Review the results with the customer before proceeding.

PROCEDURE: Mix 3 ounces of concentrate with enough cold water to make one gallon of ready to use (RTU) solution (250 mL / L).

WORK PROCESS

- 1) Post wet floor signs. Protect areas not being cleaned from overspray.
- 2) Remove debris with a broom, dust mop or vacuum cleaner. (Note: a vacuum cleaner is recommended for highly textured floors such as those with deep grout lines. The vacuuming action removes debris that might get trapped once it gets wet from the cleaning process.)
- 3) (Note: The surface would likely have already been cleaned using **One Earth Concrete, Tile and Grout Cleaner** to remove greasy soils. **One Earth Concrete, Tile and Grout Brightener** will be used as a follow up treatment to remove rust or hard water scale.)
Use a pressure sprayer to apply RTU solution to the surface. Use a coarse spray and do not generate aerosol. Allow a 5 to 10 minute dwell time but do not allow solution to dry on the surface. If the solution dries, reapply more RTU solution to redissolve any suspended soil. Avoid overspray and remove any overspray as quickly as possible.
- 4) For floors use a rotary buffer with a nylon grit brush to agitate surface. For counter tops and vertical surfaces, use a hand brush to agitate the surface.
- 5) Use high pressure water in the pressure washing power head or hand tool to pressure wash the surface. Be sure to vacuum all waste water. Inspect surface for standing water and remove. Rinse thoroughly. Thorough rinsing is important to be sure that residual acid is rinsed away. Acidic residues might interfere with sealer application. Be sure to dispose waste water in accordance with local, state and federal regulations.
- 6) Establish good drying conditions.
- 7) Inspect the floor for proper soil removal. Heavy buildup of hard water scale, for example, is common and might require a second treatment.
- 8) You can use **One Earth Floor Cleaner** for routine cleaning of non-resilient and resilient flooring.

CLEAN UP

- Check all PPE for damage. Repair or replace as needed.
- Clean the outside of the spraying equipment to remove soot and soils. This will help to prevent cross-contamination and will maintain your professional image on the next job.
- Rinse containers and extraction equipment to remove product residues and waste water.
- Be sure to dispose unused product and waste water in accordance with state, local, Federal and/ or provincial regulations. Never pour into storm drains or surface waters.
- Flush the sprayer with water to remove any product residue. Empty water from the sprayer, especially in cold climates where freezing is possible.
- Wash hands after using the product.
- Offer empty and rinsed container for recycling, where facilities exist.

SAFETY CONSIDERATIONS

- Keep children and pets away from your work area, from chemical products and from your equipment.
- Read the Safety Data Sheets (SDSs) for all products before using them. You can obtain the SDSs from your distributor or at www.LegendBrandsCleaning.com
Follow label directions. Improper use or dilution can cause injury or damage to surfaces.
- Do NOT mix this product with any other chemical unless indicated on the label. In particular, do not mix with chlorine bleach.
- Wear Personal Protection Equipment: Rubber Gloves, Safety Glasses and Body-covering clothing as recommended in the SDS.
- For chemical emergency call INFOTRAC 1-800-535-5053 24 HOURS PER DAY, 7 DAYS A WEEK.

ADDITIONAL REFERENCES

- User Guides for all Products
- Safety Data Sheets for all products in the system
- Hard Surface Inspection Procedure
- Hard Surface Training Program

For product sales, technical support or to locate a distributor, call 800-932-3030.

TECHNICAL DATA	
One Earth Concrete, Tile and Grout Brightener	
Sold as	Case of four 1 gal. (4 x 3.8 L) bottles
Re-order no.	DFCCLR4G
Color	Clear green liquid
Odor	Mild sour. No fragrance added.
pH values	pH of concentrate: 3.5 to 4.5 pH of 3 ounce per gallon ready to use solution: 4.1
Surfactant types	None
% Phosphorous	None
Volatile Organic Content (VOC)	None