



**Tile & Grout HD** penetrates and quickly removes ground in soil from flooring and grout lines, leaving behind a bright, revitalized surface.

Using inhibited hydrochloric acid to work synergistically with degreasing surfactants, to rejuvenate tile and grout to its original appearance.

**Tile & Grout HD** cutting edge technology will provide a product free of harsh chemicals, allowing it to be safe on skin and the environment.

### Tile & Grout HD Key Points

- Phosphoric acid, caustic soda and bleach FREE
  - Non-corrosive to skin
  - Low VOC and does not create harmful fumes
  - Non-abrasive on fragile surfaces
  - Rinses clean at any water temperature
  - No noxious odor
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- **Grout HD's** primary degreasing surfactant was originally designed for use on cleaning and degreasing aircraft engines.
  - Provides fast wetting/penetration, rinses clean at any water temperature.
  - Is also effective as a tub and tile cleaner, toilet bowl cleaner, scale remover, rust stain remover, and a vinyl and aluminum siding cleaner.



# A Safe and Effective Way to Clean and Revitalize Flooring and Grout Lines

# Tile & Grout HD Cleaner & Revitalizer



**Gallons** 4 cs.  
**128GCB**

## Tile & Grout HD Cleaner & Revitalizer

**Tile & Grout HD** works on:

- Terrazzo • Granite • Ceramic • Travertine • Concrete • Glass

Dilute with water. Apply with a mop or sprayer. Let stand for 10 minutes and agitate with a deck brush or scrub pad. Rinse with clean water.

### TERRAZZO - CERAMIC TILE - TRAVERTINE - CONCRETE

#### MEDIUM SOIL:

Add 8-10 fl. oz. (237-296 mL) of **Grout HD** to 1 gallon (3.785 L) of water.

#### HEAVY SOIL:

Add 16 fl. oz. (473 mL) of **Grout HD** to 1 gallon (3.785 L) of water.

#### SHOCK TREATMENT:

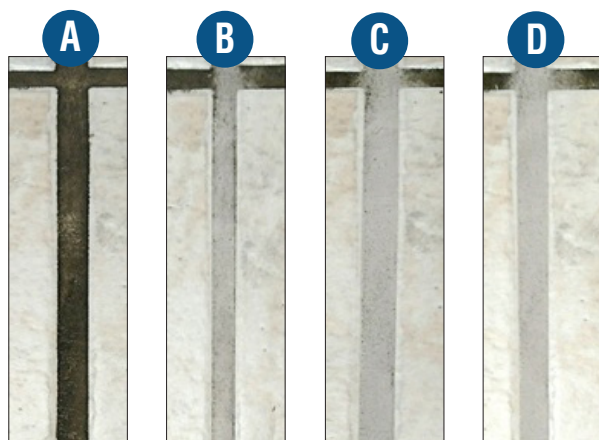
Add 32 fl. oz. (946 mL) of **Grout HD** to 1 gallon (3.785 L) of water.

### FOR ALL MARBLE AND OTHER SOFT STONE

Add 2 fl. oz. (30 mL) of **Grout HD** to 1 gallon (3.785 L) of water.

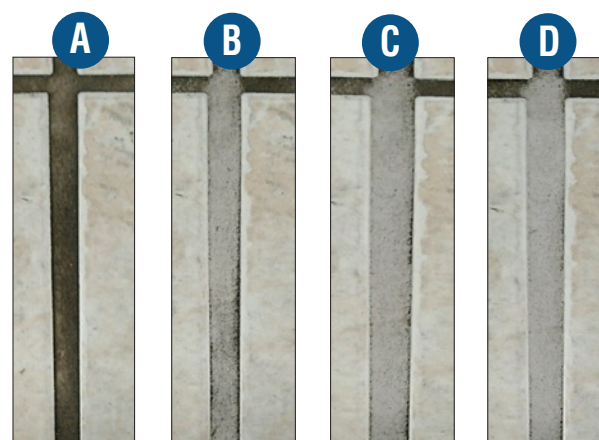
NOTE: Using Grout HD at a stronger dilution is not recommended, may cause etching.

- Also effective on glass, concrete, and other hard surfaces.
- Can use at a lower dilution than common hard surface cleaners.
- Safe and User Friendly



Test results from **Tile & Grout HD Cleaner & Revitalizer**

- A** - Grout before **Grout HD** treatment
- B** - 5 minute dwell time with **Grout HD** after agitation
- C** - 10 minute dwell time with **Grout HD** after agitation
- D** - 15 minute dwell time with **Grout HD** after agitation



Test results from **Competitive Product**

- A** - Grout before Competitor's treatment
- B** - 5 minute dwell time with Competitor's after agitation
- C** - 10 minute dwell time with Competitor's after agitation
- D** - 15 minute dwell time with Competitor's after agitation

## Grout HD Cleaner Performance Study:

Dilutions of Competitor, and Nilodor's Grout HD were prepared using the "moderate soil" guidelines on the Grout Avenger label.

2 mL of each product were pipetted onto a 6 inch segment of grout and allowed to sit for 5 minutes.

After a 5 minutes interval, each area was scrubbed with a brush and wiped with a clean paper towel.

This procedure was repeated for time intervals of 10 and 15 minutes.

## Conclusion:

The performance of both products are directly correlated with time; the longer that the product was able to soak, the better the product performed. Grout HD provided the best performing option, with a uniform clean that nearly eliminates the soil completely. Competitive formula was not able to uniformly eliminate grout soils and does not provide the most efficient option.