

# HDAC

Heavy Duty Acidic Cleaner

**Deep Cleaning Action For Most Surfaces Including:**

- Flamed & Honed Granite
- Cleft & Honed Slate
- Flamed & Honed Limestone
- Unglazed Ceramic Tile
- Sanded Grout
- Concrete
- Tumbled & Honed Marble
- Quarry Tile
- Ceramic Tile
- Porcelain Tile
- Cast Stone
- Masonry

**Special Features**

- Fast Acting
- Easy-to-Use
- Interior & Exterior
- Less Expensive

**PRODUCT DESCRIPTION**

**KEEP OUT OF REACH OF CHILDREN. HDAC (Heavy Duty Acidic Cleaner)** is a fast acting, heavy duty acid cleaner for textured, non polished, natural and man made surfaces. HDAC removes sanded grout haze and mortar residue, joint cement, lime & hard water deposits, efflorescence, rust and other heavy dirt and grime. HDAC is suitable for interior and exterior use.

**Sample Testing**

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

**Protect Neighboring Surfaces**

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other surfaces.

**APPLICATION INSTRUCTIONS**

**Read entire label and SDS/PDS before using.**

Thoroughly wet the surface to be cleaned with clean water. HDAC may be applied with a clean mop or acid resistant brush. Dilute HDAC with water. Start with 1 part HDAC and 10 parts water. For stronger solutions reduce the water down to as low as 3 parts. Allow HDAC to sit on the surface for 1 - 5 minutes while agitating with a brush. Do not allow HDAC to dry on the surface. Work small areas. Extract all dirty remains with a wet vacuum system. Multiple applications may be necessary. After extracting HDAC solution, rinse thoroughly with clean water. Once surface is complete, rinse areas with **Tile & Stone Cleaner** and clean water (20 - 1) to clean and neutralize acid as directed.

If a non acid deep cleaning is necessary use **Liquid Poulitce** as directed.

**Light Cleaning:** Use **Tile & Stone Cleaner, Porcelain & Ceramic Tile Cleaner, Grout Cleaner** or **Limestone/Travertine Soap** as directed.

**Special Notes**

Acids and the vapors, no matter how mild, may etch, lighten or alter the color of tile, grout, cementitious and natural stone surfaces. Repeated acid washing may damage some surfaces.

Acid and the vapors, no matter how mild, may damage metal, carpet, leather, vinyl, wood and other surfaces. Take caution in transporting in original, upright and sealed container.

Avoid contact with metals.

Do not mix with ammoniated cleaners as harmful fumes may result.

Allow all new grout, concrete, cement or masonry to cure per the manufacturer's specification before using HDAC.

**Water, Stain & Slip Protection**

To protect cleaned areas from future soiling, staining and increase static coefficient of friction, we recommend applying the appropriate **Miracle Penetrating Sealer/Impregnator**.

**Color and Gloss Enhancement**

For added color with "Textured and Non polished" surfaces, **511 Seal & Enhance** or **Mira Matte** may be used. For porous type "Pavers", **511 Seal & Enhance** may be used as directed.

**Coverage**

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on the surface and application method. Used as directed, HDAC will cover approximately 1,000 - 2,000 square feet per gallon (90 - 185 square meters per 3.785 liters).

**MAINTENANCE**

For ongoing maintenance instructions please refer to **Miracle Sealants Care Guide**. Refer to the **Miracle Sealants Product Recommendation Chart** for specific product recommendations.

**Storage**

Store HDAC in the original container, properly sealed to avoid contamination and evaporation. Stored at 77° F (25° C), HDAC will have a shelf life of 12 months. Do not allow to freeze.

**Technical Support**

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901

**Office Hours**

Monday - Friday from 8:30 am - 5:00 pm PT.  
1-800-350-1901 • Fax: 1-626-443-1435 website:  
www.miraclesealants.com

**Product Damaged During Transportation**

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

**Additional Products**

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

**Caution**

HDAC contains hydrochloric acid. Keep away from eyes and skin. Do not inhale or swallow. Chemical resistant gloves and respirators should be worn at all times. Use in a well ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Continue to ventilate until odors are completely eliminated. Inhaling the odors can be harmful. Keep away from heat and open flames. Avoid prolonged contact with skin. Keep small children and pets out of area until product or surfaces has thoroughly dried. **Refer to SDS for additional information.**

**Warranty**

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.