

# HADE'S HEAVY DUTY MINERAL DESCALER

CONCENTRATED ACID CLEANER FOR MINERAL RESIDUE & LIMESCALE REMOVAL

Hade's Heavy Duty Mineral Descaler is a strong, acid-based cleaner designed to eliminate mineral buildup, cement haze, efflorescence, limescale, and hard water stains from acid-resistant surfaces. Ideal for post-installation cleaning and periodic descaling, it delivers professional-grade results where standard cleaners fall short.



## TYPICAL APPLICATIONS

Hade's Heavy Duty Mineral Descaler is suitable for cleaning ceramic tiles, terracotta, and other acid-resistant surfaces to remove cement residues, mineral deposits, limescale, and hard water stains.

## BENEFITS

- **Strong Descaling Action:** Dissolves cement haze, efflorescence, and mineral residues.
- **Limescale & Stain Removal:** Eliminates hard water deposits and restores clarity.
- **Post-Installation Cleaner:** Ideal for removing construction residues on acid-safe surfaces.

## CONTAINER SIZE

32 fl. oz. (950 mL)

## HOW TO USE

Remove dust and debris with a broom or vacuum. Protect surfaces not intended for treatment, and ensure grout and adhesive on new installations are fully cured. Wet the surface with water to prepare it for cleaning.

Dilute solution:

- **Porous & Absorbent Materials** (e.g., terracotta): Dilute 1 part product to 2 parts water.
- **Compact & Less Absorbent Materials** (e.g., ceramic tiles): Dilute 1 part product to 4 parts water.

Apply the solution evenly across the surface using a mop, sponge, spray bottle, or single-disc machine. Allow product to act for 10–15 minutes. Remove residues using a wet vacuum. Rinse thoroughly with clean water until surface is fully residue-free.

Repeat application if necessary.

**NOTE:** Hade's Heavy Duty Mineral Descaler is effective for deep cleaning and residue removal but does not provide long-term protection. For best results, use regularly for maintenance, and promptly clean spills to preserve surface quality.

## CAUTION

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Avoid breathing dust, fumes, gas, mist, vapors, or spray. Use only outdoors or in a well-ventilated area. Use non-sparking tools when handling. Wear protective gloves, eye protection, and face protection. Ground and bond container and receiving equipment to prevent static discharge. Use explosion-proof electrical, ventilating, and lighting equipment. Wash hands and face thoroughly after handling.

## FIRST AID

IF IN EYES, remove contact lenses if easy to do so and rinse immediately with plenty of fresh water for at least 15 minutes, keeping eyelids fully open. Seek immediate medical attention. IF IN CONTACT WITH SKIN, remove contaminated clothing and footwear. Wash thoroughly with running water and soap if available. Seek medical advice and avoid re-contact with contaminated clothing. IF INGESTED, do NOT induce vomiting unless explicitly advised by a medical professional. Do not give anything by mouth to an unconscious person and seek immediate medical attention. IF INHALED, move the individual to fresh air and ensure they are comfortable for breathing. If respiratory symptoms persist, keep the person warm and comfortable. Administer oxygen if necessary, and if the person stops breathing, provide artificial respiration. Seek medical attention promptly.

## STORAGE

Store in the original, sealed container in a cool, well-ventilated area, away from direct sunlight. Keep away from heat sources, open flames, sparks, and other ignition points.

## PRECAUTIONS

Prioritize the use of adequate technical equipment to ensure a safe working environment. Ensure the area is well-ventilated, ideally with effective local aspiration to maintain air quality. Use appropriate personal protective equipment (PPE), including gloves, eye protection, and a respirator if ventilation is limited. Use tools designed for chemical application, such as brushes or sprayers, to apply Athena's Heavy Duty Tile Cleaner safely and effectively.

