



Technical Data Sheet

ALKEMIST | Industrial & Specialty Chemicals

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Professional Tile, Concrete & Hard Surface Acid Cleaner

ALKEMIST MURIATIC ACID CLEANER

Professional Tile, Concrete & Hard Surface Acid Cleaner

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Product Type: Muriatic acid cleaner

Brand: ALKEMIST

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Emergency: +92 301 9220000

Use: Professional / industrial only

PRODUCT DESCRIPTION

ALKEMIST Muriatic Acid Cleaner is a professional strength acid cleaner formulated for tile, concrete, masonry and hard surface cleaning. It removes cement residue, grout haze, rust stains, hard water scale, lime deposits and construction cleanup residues from acid-resistant surfaces.

Professional use only: Strong acid cleaner. Use only with proper PPE, ventilation and surface compatibility confirmation.

KEY BENEFITS

Benefit	Description
Fast Cement Removal	Breaks down cement film, mortar residue and grout haze.
Scale & Rust Action	Dissolves hard water scale, lime deposits and rust stains.
Professional Strength	Designed for construction cleanup and industrial hard surface cleaning.
Improved Surface Contact	Wetting additive improves penetration into rough mineral surfaces.



APPLICATIONS

Application	Use
Tile Cleaning	Removal of cement film and mineral residues from acid-resistant tiles.
Concrete Cleaning	Cleaning construction residues, lime deposits and surface contamination.
Grout Haze Removal	Removes cementitious haze where acid use is permitted.
Rust Stain Removal	Helps remove iron/rust stains from compatible hard surfaces.
Masonry Cleaning	Professional cleanup of brick, block and cement-based surfaces.

TYPICAL PROPERTIES

Appearance	Clear liquid	Color	Colorless to pale yellow
Odor	Sharp acidic	pH	<1
Specific Gravity	1.10–1.18	Water Solubility	Complete
Flash Point	Not applicable	Formula Type	Hydrochloric acid based cleaner

DILUTION GUIDELINES

Soil Condition	Dilution	Use
Light Cement Film / Light Scale	1:10 with water	Routine tile and surface cleaning.
Moderate Grout Haze / Scale	1:5 with water	Construction cleanup and moderate residues.
Heavy Cement Residue / Rust	1:3 with water	Severe cleaning under technical control.
Concentrate	Use only under expert control	Extreme localized treatment after compatibility test.

Dilution safety: Always add acid cleaner to water slowly. Never add water into concentrated acid.



OPERATING PROCEDURE

1. Test on small hidden area before full use.
2. Pre-wet surrounding surfaces where required.
3. Apply diluted cleaner to acid-resistant surface.
4. Allow short contact time while avoiding drying on surface.
5. Agitate with acid-resistant brush if required.
6. Rinse thoroughly with clean water.
7. Neutralize surface if required by site procedure.
8. Repeat only if necessary.

DO NOT USE ON

Marble, limestone, travertine, terrazzo, aluminum, zinc, galvanized surfaces, magnesium alloys, acid-sensitive stone, polished natural stone, sensitive metals, colored grout without testing, or any surface where acid use is not approved.

SAFETY NOTES

Causes severe burns and eye damage. Wear goggles, face shield, acid-resistant gloves, apron and boots. Do not mix with bleach, ammonia, oxidizers or other cleaners. Refer to SDS before use.

PACKAGING / STORAGE / SHELF LIFE

Packaging	1 L, 5 L, 20 L, 25 L, 200 L drum, custom packaging on request.
Storage	Store in corrosion-resistant sealed containers in cool, ventilated area.
Shelf Life	12–24 months in original sealed packaging.

DISCLAIMER

This TDS is a professional guide. Suitability must be confirmed by surface test, site risk assessment, SDS review and local regulation.

Prepared by
ALKEMIST

Signature:

Date:

Approved by
Technical Responsible Person

Signature:

Date: