



ALIXIR

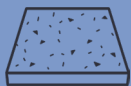
## TECHNICAL DATA SHEET

# CEMENT REMOVER

ALIXIR Cement Remover is designed to safely remove concrete and cement build-ups from a wide range of substrates without harming the underlying material. It is suitable for use on natural stone, metals, plastics, rubber, glass, paintwork and most common construction surfaces.

Formulated using an organic compound derived from plant-based sources, the product is readily biodegradable and contains no components subject to workplace exposure limits. It can be applied neat for heavy residues or diluted with water for lighter cleaning tasks, offering flexibility and cost efficiency.

The formulation includes surfactants that assist with degreasing and leave a clean, bright finish. For stubborn build-ups, the product can be left to dwell for extended periods, including overnight, to achieve thorough residue removal.



Removes cement & concrete build-up



Safe on most surfaces



Biodegradable & easy to use

### Effect on Plastic Surfaces

The following result is the average of 3 tests at 23°C, maintained for 48hrs in an undisturbed solution. The product has no appreciable effect on the plastic type tested.

- Weight Loss: % Of Original Weight
- Polypropylene: 0.012%

### Effect on Painted Surfaces

Assessed on a visual basis, using coated metal plates. The results displayed are averages of 3 tests at 23°C, maintained for 48hrs in an undisturbed solution. There was no discernible, visual effect on the coatings tested.

- Paint/Coating Type: Visual Change
- Polyurethane Coating: None
- Vehicle Paint (Cellulose): None
- 2-Pack Epoxy: None

### Effect on Metallic Surfaces

Tested on the most common metal types including Mild Steel, Stainless Steel & Aluminium. In all cases minimal weight loss was observed in comparison to typical cement cleaning products such as Hydrochloric Acid and Phosphoric Acid.

### Technical Data

- Physical state at 20 °C: Liquid
- Colour: Clear
- Smell: Slight/mild
- pH: 1
- Density: 1.02 g/cm<sup>3</sup>
- Solubility in water: Totally soluble
- Flash point [° C]: Not Applicable
- Biodegradability: Readily Biodegradable OECDTG3-1



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## CEMENT REMOVER

### How it works

Utilises a sophisticated organic acid alternative that targets the calcium carbonate bond within cement and mortar. Unlike traditional mineral acids, its plant-based chemistry breaks down the residue through a controlled reaction, while integrated surfactants simultaneously lift grease and grime. This dual-action process allows the product to dwell for extended periods, even overnight for stubborn build-ups, ensuring the thorough removal of residues without etching the substrate or corroding surrounding fixtures.

### Application Instructions

Always perform a trial application on a small, hidden area first to confirm suitability and dwell time. ALIXIR Cement Remover can be used neat or diluted up to 1:2 with water. Shake the container for 30 seconds before use and pre-wet the area. Apply evenly with a low-pressure sprayer, leaving for a minimum of 45 minutes. Reapply if necessary, ensuring the surface does not dry out. Rinse thoroughly with water.

### Recommendations & Curing

Do not apply if rain is expected within 4 hours. It is essential to keep the product moist during the dwell period to maintain chemical activity; if the product dries prematurely, the cleaning action will cease. Do not apply during rain or frost, or when surface and air temperatures are below 5°C or above 30°C. While safe for most surfaces, always perform a trial on sensitive natural stone to confirm finish. Once clean and dry, treat with ALIXIR Stone Protector to inhibit future staining and mineral deposits.

### Coverage Rate

Figures are approximate and provided as a general guideline. Actual consumption is determined by the thickness of the cement residue and substrate porosity. For heavy build-up: Neat - approx. 3–5m<sup>2</sup>/L. For general cleaning: (1:2 dilution - approx. 10–15m<sup>2</sup>/L of diluted solution.

### Storage & Shelf Life

Store in a dry place, away from frost and heat, in a temperature between 5°C and 30°C. Shelf life is 24 months from the production batch date when kept in the original unopened container.

### Health & Safety

**DANGER!** Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fumes/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF SWALLOWED: immediately call a Poison Centre/doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if feasible. Continue rinsing. Get medical attention. See Material Safety Data Sheet before use.



### Equipment Cleaning

Clean tools and equipment immediately after use with water.

### Disclaimer

Important: The content of this documentation is based on our experience of the product. Alixir Industries Ltd guarantees the quality of its products, but expressly declines any liability in the event of failure by the user to comply with the recommendations and conditions of use of said products, notably but not exclusively in the event of incorrect application, application by unqualified personnel, use of products not compatible with Alixir's products or bad weather conditions. For further information, refer to the safety data sheet.

### Available Sizes

- 1L (SA-CR-1L)

