

ECOCONCRETE 700 | ACID-FREE BIODEGRADABLE CONCRETE REMOVER

EcoConcrete 700 is an environmentally friendly concrete remover developed as a safer alternative to conventional acidic concrete cleaning products. It is formulated without hydrochloric acid or phosphoric acid and uses organic cleaning agents that help break down calcium-based binders found in Portland cement. The product is designed to dissolve dried concrete splatter, grout residues, mortar traces, and cement-based deposits without damaging metal, paint, plastic, rubber, or other sensitive surfaces when used as directed. Its low-pH, non-corrosive, water-based formula provides effective cleaning performance while reducing the safety concerns commonly associated with strong acid-based removers.

Intended Use

The product is intended for the removal of dried concrete splatter, cement residues, grout traces, and mortar deposits from tools, equipment, vehicles, and construction-related surfaces. It is suitable for routine and corrective cleaning in construction, maintenance, and equipment care operations where an acid-free and surface-safe cleaning approach is required. It is especially suitable for users seeking an effective concrete remover with reduced corrosive risk.

Application Areas

The product may be used on concrete mixers, pumps, molds, trowels, construction equipment, scaffolding, vehicles, and hand tools such as shovels, trowels, and pliers. It is suitable for removing precast concrete splatter, cured cement residues, and mortar buildup from garage floors, patios, tile joints, and other hard surfaces exposed to cement contamination. It may also be used on aluminum, steel, plastic, glass, painted metal, and rubber-compatible surfaces when used as directed.

Product Advantages

The product provides effective cleaning of hardened cement, grout, mortar, and concrete splatter without the corrosive action associated with strong acid-based removers. Its acid-free and non-corrosive structure makes it suitable for use on a wide range of materials including metals, plastics, painted surfaces, glass, and rubber. The formula is water-based, non-fuming, VOC-compliant, and more than 90% biodegradable in accordance with

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OECD 301B. It is suitable for frequent use in construction environments and supports safer, more practical daily cleaning operations.

Directions for Use

Apply the product directly to the contaminated area using a sprayer or brush. Allow it to remain on the surface for 10–20 minutes depending on the thickness and severity of the deposit. Agitate with a brush if necessary to improve loosening of the residue. Rinse thoroughly with clean water after treatment. Repeat the application where required for heavy or persistent deposits. Always test on a small inconspicuous area before first use on sensitive or specialty surfaces.

Physical and Chemical Properties

Appearance: Clear to slightly hazy liquid

Odor: Mild, characteristic

Form: Liquid

Chemical Character: Acid-free, low-pH, non-corrosive

Biodegradability: Over 90% (OECD 301B compliant)

VOC Compliance: VOC-compliant

Base System: Water-based

Fuming Character: Non-fuming

Surface Compatibility: Suitable for metal, paint, plastic, rubber, glass, and similar washable surfaces when used as directed

Packing

Available packaging options include 1 L spray bottle, 5 L jerrycan, 20 L drum, and 200 L industrial barrel.

Storage Conditions

Store in a cool, dry, and well-ventilated area. Keep away from direct sunlight and frost. Do not expose the product to freezing temperatures. Keep the container tightly sealed after use. Recommended storage temperature is +5°C to +30°C.

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Safety Information

Use the product only as directed. Avoid contact with eyes and prolonged skin contact. Although the formula is non-corrosive compared to strong acid-based alternatives, good industrial hygiene practices should still be followed during handling and application. Do not mix with other cleaning chemicals unless compatibility has been confirmed. Keep out of reach of unauthorized persons and children. Refer to the Safety Data Sheet (SDS) for detailed information on safe handling, storage, first aid measures, and disposal.

General Information

The information provided in this Technical Data Sheet is based on current knowledge and practical experience. It is intended as a general guideline for product application, handling, and storage, and does not constitute a guarantee of performance under all conditions of use.

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