

Technic data sheet:

ECOGUARD Pre-Grind

The **GREEN** alternative to an easy first grind for polished concrete floor applications

PRODUCT DESCRIPTION: Concrete Earth ECOGUARD Pre-Grind is a water based concentrate, non-hazardous biodegradable cleaner and etching compound formulated for preparing concrete surfaces for easier grinding using higher grit metal diamonds on the first cut to obtain a quick and clean exposed Salt n' Pepper surface, or a clean Cream polish finish using low grit resin diamond abrasives. ECOGUARD Pre-Grind is formulated using organic acids and surfactants made from naturally occurring materials, which makes it safer to use and just as effective as traditional hydrochloric or phosphoric based solutions.

BENEFITS:

1. AN EXCELLENT SURFACE CLEANER AND ETCHING COMPOUND
2. PERMITS THE USE OF HIGHER GRIT METAL BONDS ON THE FIRST GRIND/CUT
3. EASY TO APPLY BY PLASTIC PUMP UP SPRAYER
4. HIGHER GRIT ABRASION FIRST GRIND PROMOTES A CONSISTENT SALT N' PEPPER FINISH
5. DEGREASES AND EMULSIFIES OIL, GREASE AND OTHER DIRT IN ONE APPLICATION
6. LEAVES A CLEANER SURFACE WITH REDUCED DIAMOND WEAR AND LABOR COSTS
7. GREEN SOLUTION AND VERY USER FRIENDLY (NO SMELL OR FUMES TO CONTEND WITH)

COMPOSITION: ECOGUARD Pre-Grind contains plant based biodegradable organic salts with proprietary, non-hazardous acid derivatives, and surface wetting agents in an aqueous base.

PHYSICAL PROPERTIES:	APPROXIMATE VALUE AT 70°F (21°C):
WEIGHT PER GALLON:	9.20 lb./gallon +/-0.10
pH:	3.25 +/- 0.20
COLOR:	Light blue solution
V.O.C. CONTENT:	Contains no VOC's

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APPLICATION DIRECTIONS:

TEST AREA: Always test ECOGUARD Pre-Grind on a small area of the surface to be treated before overall application to determine suitability and results. Any non-reaction of the product indicates the presence of a sealer. Use a test location that is out of the way and not in the main area of the final area.

COVERAGE: ECOGUARD Pre-Grind can be diluted up to 1:3 with clean, potable water, depending on the surface condition. Use a more concentrated solution for heavily contaminated surfaces or to speed etching process. Coverage is approximately 200 square feet per gallon after dilution and is dependent on concrete porosity. Coverage is typical be for hard or mechanically troweled finished concrete.

APPLICATION: Apply ECOGUARD Pre-Grind by use of a plastic pump up sprayer. Do not use metal sprayers. After spraying, etching should take place immediately and will generate a foam or fizzing reaction with the concrete. Allow the cleaner to remain on the concrete about 10 to 15 minutes, and saturate with water using a plastic pump up sprayer. Grind your first cut slightly wet, ensuring to turn off your dust control system. As you grind, a “mud” buildup will appear, and further grinding will quickly evaporate the water, and dusting will start. Once you reach that stage, turn on your dust control system, and continue grinding until you achieve the desired surface tension and finish. Wash off remaining powder and ECOGUARD Pre-Grind residue. Allow the surface to dry and continue to the next step.

LIMITATIONS: If the surface reaction is not noticeable after applying the ECOGUARD Pre-Grind, the concrete may have a sealer, or coating barrier that is preventing cleaner absorption. In this case, you may elect to grind off the coating (wet is preferred) or to strip the coating with a good commercial stripper. We recommend isi Germany Lightning SB to remove most coatings. Although grinding is the likely choice, acrylic based sealers tend to “glaze” over metal diamond tools, rendering them inefficient, and creating additional labor costs and delays. If heavy grease or soaked-in oil are present, pre-clean with isi Germany C-25 Citrus Solve degreaser before applying the ECOGUARD Pre-Grind. After application, test the concrete for open porosity by spraying lightly with water mist. If the concrete darkens, then the surface is ready to grind. If the water beads on the surface and does not penetrate easily, then the surface needs to be further etched or abraded.

CAUTIONS: ECOGUARD Pre-Grind achieves best results if ambient temperatures are above 4.4°C and below 32.2°C.

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WARNINGS: ECOGUARD Pre-Grind is for use by qualified professional contractors and trained applicators. Although it is non-corrosive to skin, avoid prolonged skin contact-wash skin with soap and water if exposed to avoid irritation. Wear splash resistant eye protection and impervious gloves when handling.

There are no fumes associated with ECOGUARD Pre-Grind when applied manually by brush or broom, however, if a sprayer is used, a NIOSH approved respirator is recommended as the solution will be in a vaporized form and may cause irritation.

Before using, refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information.

Keep containers closed when not in use and dispose of accordingly. Keep away from food and drink. Do not take internally.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

H.M.I.S. CODES (Hazardous Materials Identification System):

HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = E
(Impervious gloves, splash goggles and respirator).

HAZARDOUS INGREDIENTS:

Section 313 Supplier Information: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 and of 40CFR 372.

FIRST AID: Eye Contact: Flush eyes with clean water until irritation subsides. Seek medical attention if necessary

Skin Contact: Wash skin with soap and water. Consult a physician if irritation persists.

Ingestion: Do not induce vomiting. If victim is conscious, give 4-5 glasses of water, and immediately call a physician / poison control center.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration Seek a Physician Immediately.

SHIPPING D.O.T. CLASS: NOT-REGULATED BY D.O.T. ITEM 33880, SUB 2, LTL 55
CONCRETE CLEANER - WATER BASE.

PACKAGING: 5 – 10 – 25 – 120 Liter

STORAGE: 15° to 38°. Keep from freezing.

SHELF LIFE: 2 years properly stored

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Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind.

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