

## PRE-GRIND

### EASY FIRST GRIND FOR POLISHED APPLICATIONS

**ECOGUARD™ PRE-GRIND** is a water-based concentrated, non-hazardous biodegradable cleaning and etching compound.

**Pre-Grind** is 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 & Pepper” surface, or a clean Cream polish finish using low grit resin diamond abrasives.

**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:

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



#### LEED CREDIT CONSIDERATIONS:

Materials and Resources: MR Credit 1.2-Building re-use  
 Indoor Environmental Quality: EQ Credits 4.2: Low emitting materials (VOC <25g/L). MR Credits 5.2: Regional materials: Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Illinois 60901.  
 MR Credits 6.2: Rapidly renewable materials.

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

#### APPLICATION

**TEST AREA:** Always test **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 project.

**APPLICATION:** Apply by use of a high volume, low pressure plastic sprayer. DO NOT USE metal sprayers. Do NOT atomize under high pressure sprayers.

After spraying, etching should take place immediately and will generate a foam or fizzing reaction with the concrete surface.

Allow to remain on the concrete about 10 to 15 minutes, and then add water using a plastic pump up sprayer. Grind the first cut slightly wet, ensuring to turn off the dust control system. While grinding, a “mud” buildup will appear, and

#### TECHNICAL DATA

##### WORKING AND PERFORMANCE PROPERTIES AT 70° F (21° C) APPROXIMATE VALUES

WEIGHT PER GALLON	9.20 Lb./gal. +/- 0.10
pH:	3.25 +/- 0.20
COLOR:	Light amber
VOC CONTENT:	Contains no VOC's

further grinding will quickly evaporate the water, and dusting will start.

Once that stage is reached, turn on the dust control system, and continue grinding until the desired surface tension and finish is achieved. Continue to you next grinding step after the surface dries.

**SPILL CLEAN-UP:** Use soap and warm water promptly after spill.

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

### GHS HAZARD RATINGS



**SKIN & EYES  
IRRITANT**

**WARNINGS: HEALTH HAZARD & IRRITANT:** **ECOGUARD™ PRE-GRIND** may cause irritation to skin, and eyes. Harmful if swallowed. There are no fumes associated with Pre-Grind. Wear protective safety glasses, gloves, and clothing when handling. Avoid prolonged skin contact-wash skin with soap and water if exposed to avoid irritation.

Refer to product SDS (Safety Data Sheet) for complete health and safety information. **FOR MEDICAL EMERGENCIES ONLY – CALL INFOTRAC AT 800-535-5053.**

**KEEP AWAY FROM FOOD AND DRINK. DO NOT TAKE INTERNALLY.  
FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

#### HMIS SAFETY RATINGS:

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

**HAZARDOUS INGREDIENTS - Section 313:** 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.

**PACKAGING:** 1-gallon (3.78L) bottles, 5-gallon (18.9L) pails, 55-gallon drums (207.9L)

**SHIPPING NAME:** N.A.

**SHIPPING D.O.T. CLASS:** NOT REGULATED BY D.O.T. ITEM 33880, SUB 2, LTL 55

**SHELF LIFE:** 1 year properly stored @ 60° to 80° F

#### WARRANTY:

Concrete Choice, LLC (CC) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. No other representations or statements made by CC representatives, in writing or orally, shall alter this warranty. CC MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.**

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