



GREEN EZ™ ENVIRO CLEAN & ETCH ORGANIC CONCRETE CLEANER & ETCHING COMPOUND

Green EZ™ Enviro Clean & Etch is a water based, concentrated, non-hazardous, biodegradable cleaner formulated for preparing concrete surfaces for coatings, sealers or stains. *Green EZ™ Enviro Clean & Etch* 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 cleaners.

APPLICATIONS: *Green EZ™ Enviro Clean & Etch* is recommended as a pre-treatment cleaner for concrete surfaces including flatwork, stamped and textured concrete, concrete counter tops, concrete masonry units, stucco, mortar, grout, and most any other Portland cement-based surfaces.

BENEFITS:

- Exhibits a high degree of reaction equal to traditional acid cleaners without the same hazards of transport, use and personal protection.
- Formulated using “green technology” and LEED credit qualification.
- No harmful fumes or objectionable odors provides for trouble free applications on interior projects.
- Concentrated formula allows for easy dilution and cost savings on the job site.

LEED CREDIT CONSIDERATIONS: Materials and Resources: **MR Credit 1.2**-Building re-use. Indoor Environmental Quality: **EQ Credits 4.2:** Low emitting materials (VOC < 25 g/L). **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee Illinois 60901. 90% Content- Harvested within 500 miles. **MR Credits 6.2:** Rapidly renewable materials.

COMPOSITION: *Green EZ™ Enviro Clean & Etch* contains water, plant based biodegradable organic salts with proprietary, non-hazardous acid derivatives, and surface wetting agents.

TECHNICAL DATA:

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 amber solution
V.O.C. CONTENT:	Contains no VOC's

COVERAGE: *Green EZ™ Enviro Clean & Etch* can be diluted from 1 to 3 parts by volume with water depending on the amount of cleaning required, using a more concentrated solution for heavily contaminated surfaces or to speed etching process. Coverage is approximately 100-200 square feet per gallon after dilution and is dependent on concrete porosity. Coverage will typically be at the higher range for hard troweled or mechanically finished concrete, and at the lower range if concrete is broom finished, very rough or absorptive, or if application conditions are hot or windy.

APPLICATION: Apply *Green EZ™ Enviro Clean & Etch* by use of plastic pump up sprayer. Do not use any metal sprayers. After spraying, work the cleaner into the concrete using acid brush or push broom to ensure uniform coverage and reaction. Etching should take place immediately and will generate a foam or fizzing reaction with the concrete.

NEUTRALIZATION: Allow the cleaner to remain on the concrete from 5-15 minutes, and then wash down thoroughly afterwards with potable water. Use a pressure washer for outside applications. For interiors, the use of garden hose with a wet/dry vacuum are



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recommended until the surface is free of all cleaner residue. Allow the surface to dry thoroughly and check surface pH before applying any subsequent stains or sealers to make sure it is neutral.

LIMITATIONS: If the surface reaction is not noticeable after applying the *Green EZ™ Enviro Clean & Etch*, the concrete may have a sealer, oil, or coating barrier that is preventing cleaner absorption. The use of *Specco's Green EZ Adhesive & Coating Remover* is recommended if any coatings or sealers are present on the surface. If grease or oil deposits are present, the use of *Specco's Green EZ™ Citrus Solve C-25* degreaser is recommended for their removal before applying the *Green EZ™ Enviro Clean & Etch*. After application, test the concrete for open porosity by spraying lightly with water mist. If the concrete darkens, then the surface is porous and ready to stain or seal. If the water beads on the surface and does not penetrate easily, then the surface needs to be further etched or abraded.

CAUTIONS: *Green EZ™ Enviro Clean & Etch* achieves best results if ambient temperatures are above 40°F (4.4°C) and below 90°F (32.2°C). Extreme weather conditions such as high wind or applications in full sun at high temperature will cause premature drying, therefore smaller sections should be cleaned at a time to make sure the surface stays wet long enough to obtain a sufficient chemical reaction.

GHS HAZARD RATINGS: WARNING



IRRITANT - RESPIRATORY TRACT IRRITATION.

**FIRST AID: REFER TO PRODUCT S.D.S. (SAFETY DATA SHEET) FOR COMPLETE HEALTH AND SAFETY INFORMATION.
FOR MEDICAL EMERGENCIES ONLY – CALL INFOTRAC AT 800-535-5053.**

WARNINGS: May cause irritation to skin, eyes and throat. There are no fumes associated with *Green EZ™ Enviro Clean & Etch* when applied manually by brush or broom, however, if a sprayer is used, an OSHA/NIOSH approved respirator is recommended as the cleaner will be in a vaporized form and may cause irritation. People with medical conditions should not be exposed to the vapors or fumes. Use with OSHA/NIOSH approved eye protection. Wear protective clothing and safety glasses during application. Avoid prolonged skin contact. Wash skin with soap and water if exposed to avoid irritation. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Keep away from food and drink. Do not take internally. Protect all grass, foliage and related landscaping from contact. Treated surfaces may be slippery when applied and during application.

H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = C (Impervious gloves, splash goggles and apron).

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 033880-02, FREIGHT CLASS 55 CONCRETE CLEANER - WATER BASE.

PACKAGING: 1 quart (0.95L)(6/case), 1-gallon (3.78L) bottles (4 gallons / case), 5 gallon (18.9L) pails, and 55-gallon drums (207.9L)



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WARRANTY: *Specco Industries, Inc. (Specco) 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 Specco representatives, in writing or orally, shall alter this warranty. Specco 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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