



Global Sealer
Technologies

Clean Concrete



Before cleaning with Clean Concrete

After cleaning with Clean Concrete
and sealed with High Gloss Wet Look Lacquer

Organic Biodegradable Efflorescence Remover and Concrete Cleaner



Removes efflorescence, cement scale, rust and hard water deposits.
Clean Concrete is an aggressive salt acid that will not pull pigment or etch the surface when applied as directed.

- Removes efflorescence
- Removes rust and cement scale
- Effective on pavers, concrete and brick
- Easy to apply
- Replaces heavy acids
- Environmentally safe, Biodegradable
- Safe and easy to use, water clean up

www.gstinternational.com



Clean Concrete

Organic Biodegradable Concrete Cleaner

Overview

DESCRIPTION:

Clean Concrete is a fast acting biodegradable organic salt acid cleaner designed to remove efflorescence, rust, cement scale, mortar, lime deposits, sanded grout residue, hard water deposits and other heavily accumulated dirt and grime. This product is designed for use on non-polished surfaces like: concrete pavers, brick, exposed aggregate, limestone, concrete, slate, granite, marble, sanded grout, porcelain and ceramic tile.

Clean Concrete is a certified 'green technology' product. With GST green products we guarantee compliance with current established green standards. This product is in manufacturing compliance with EPA/DfE, FDA, NSF, Green Seal, SCAQMD, DOT, Weights & Measures and Water Resource Board.

Pro-Grade Cleaner should always be used as a neutralizing rinse to restore the pH balance on all hardscape surfaces and is mandatory prior to sealing whenever **Clean Concrete** has been used. This will also apply to any acid staining and/or acid cleaning etching. Using **Pro-Grade Cleaner** as a neutralizer will ensure proper adhesion. This product is non-toxic and color safe for poured in place concrete, stamped concrete and paving stones.

LIMITATIONS: This product is not a paint stripper and will not remove oil or grease stains. Not for use on metals.

USE ON:

- Concrete or brick surfaces
- Natural stone
- Interlocking concrete pavers
- Mexican tile - saltillo
- Masonry brick
- Manufactured stone
- Stucco and grout
- Exposed aggregate concrete
- Wet Cast concrete products

FEATURES:

- Removes efflorescence
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Specifications:

SHIPPING & HMIS INFORMATION:

VOC:0 g/l

FLASH POINT:None

GST PRODUCT CODE: GST 515

SHIPPING DESCRIPTION:

Ground/Air/Vessel Not regulated

Required Label:Not required

Required Marking:Not required

UNIFORM FIRE CODE:Non Flammable

STORAGE TEMPERATURE:35° F. - 120° F.

KEEP FROM FREEZING

SHELF LIFE:Unlimited

HMIS RATINGS:H - 1; F - 0; R - 0; PP - H

CLEAN UP:Water

Available in one gallon and five gallon sizes. 55 gallon drums and 275 gallon totes are also available upon request.

NOTE: Meets or exceeds Federal EPA standards for VOC compliance. Meets or exceeds South Coast Air Quality Management District and the Bay Area Air Quality Management District, for VOC compliance of less than 100g/l required by the State of California.

MANUFACTURED IN THE USA



IMPORTANT NOTE:

Prior to use, test a small application area to ensure there will be no damage. When properly used, *Clean Concrete* will limit etching and/or color degradation.

DILUTING:

- *Clean Concrete* is a heavy duty concentrate. For primary efflorescence, mix up to 3 parts water to 1 part cleaner.
- For cleaning heavy secondary efflorescence (*that is visible when surface is wet*), rust stains or cement scale, use *Clean Concrete* in a 1 to 1 ratio or non diluted. Additional applications may be needed.

APPLICATION:

Apply *Clean Concrete* to the dampened surface, using a *GST Low Volume Pump Sprayer*, and allow to stand 1-2 minutes. Foaming will occur.

Once the foaming action has subsided, scrub with a stiff bristle brush or broom. Rinse immediately with a 5 to 1 solution of *Pro-Grade Cleaner* to neutralize the acid.

Do not allow *Clean Concrete* to dry on the surface. If this happens, reapply *Pro-Grade Cleaner* and immediately rinse with water.

Allow surface to dry thoroughly before applying a sealer.

COVERAGE:

100-250 sq. ft. per gallon. Surface texture, porosity of the surface and temperature will greatly affect the coverage. For exact coverage rates, a measured quantity over a known area will provide a square foot coverage rate for a specific job.

EFFLORESCENCE REMOVAL:

Efflorescence is usually white in color and is more likely to be visible on darker pavements such as concrete pavers. When calcium oxide combines with carbon dioxide it forms calcium carbonate, which becomes very difficult to remove as it is no longer soluble with water.

Stringent cleaners such as muriatic acid can be very harmful to your pavement, causing irreversible damage to the surface. Most colorants for concrete are made from iron oxide (FeO₂) or better known as rust. Strong acids like muriatic acid will dissolve these pigments permanently changing the appearance and etching the surface.

Clean Concrete is the ultimate solution when applied to the affected surface. *Clean Concrete* will effectively help remove efflorescence from your hardscape project.

This product is made from the finest raw materials available and manufactured to proven formulation under strict quality control for its intended use. However, results obtained with the use of this product under a variety of conditions may depend on circumstances beyond our control.

GST International, Inc. (including the seller thereof) warrants only that its products will be free from defects in materials. GST International, Inc.'s (including the seller thereof) sole obligation, and the purchaser's (including the person using or benefiting from its use) sole and exclusive remedy in the event of a defect covered by the foregoing warranty, shall be, at GST International, Inc.'s discretion, to (a) replace the defective product, or (b) refund to the purchaser the purchase price paid for such defective product. There are no warranties other than the limited express warranty provided above. In no event shall GST International, Inc. (or the seller of its products) be liable for incidental or consequential damages resulting or arising from the use of its products.

In some cases, where the efflorescence has calcified, multiple applications may be required. Unlike other efflorescence cleaners, our state of the art, environmentally friendly *Clean Concrete* will limit the negative effects associated with other products.

Once the efflorescence has been removed, it is critical to neutralize the cleaned area with *Pro-Grade Cleaner* to allow for the proper adhesion of the GST Sealer. When a cleaner or acid is used, it is a common mistake not to neutralize the surface afterwards. Cleaner residue that dries on the surface of your project and is not neutralized, will drastically affect the life expectancy, adhesion performance, and integrity of the sealer applied.

CAUTION:

Do not mix this product with bleach, trisodium phosphate, solvents, ammonia or other cleaners.



WARNING



IF ON SKIN: May cause skin irritation. Wash with soap and water. If irritation persists, call a physician.

IF IN EYES: Contact may cause eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INGESTED: Causes gastrointestinal irritation with nausea, vomiting and diarrhea. Call a Poison Center or doctor if you feel unwell.

IF INHALED: May cause respiratory irritation. Remove victim to fresh air and keep at rest in a position comfortable for breathing.

CONTAINER DISPOSAL: Rinse three times with water. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill (dump), or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay away from smoke.

Refer to SDS at www.gstinternational.com for complete safety information.

KEEP OUT OF THE REACH OF CHILDREN



Global Sealer Technologies



PREP & CLEAN

Our Family of Products:

Where Efflorescence, Rust or Cement Scale is Present.

Use **Clean Concrete** to remove efflorescence, rust and cement staining.

Where Cleaning is Needed or Efflorescence Remover Has Been Used.

Use **Pro-Grade Cleaner** to thoroughly clean, remove oil, grease, dirt and prepare the surface prior to applying any of the GST Sealers.

Use **ProGrade Cleaner** to neutralize pH where **Clean Concrete** was used.

Where a Heavy Duty Concrete and Masonry Degreaser is Required.

Degreaser Pro is a concentrated heavy duty concrete and masonry degreaser specifically designed to remove deep seated oil and grease stains, chewing gum residue and organic stains on all hardscape surfaces.



SEAL & PROTECT

Choose an Invisible or Appearance Enhancing Sealer

To be applied after the surface is clean and dry.

Choose an Appearance Enhancing Sealer:

- Low Sheen Wet Look Lacquer
- High Gloss Wet Look Lacquer
- Lock 'N Seal
- Satin Seal
- Final Coat

Invisible Sealer:

- Stain Block Elite



Product Characteristics:

Use with:

Product Guide

	High Gloss	Low Sheen	Satin	Invisible	Light Enhancement	Heavy Enhancement	Repels Water	Repels Grease and Oil	Resists Stains	Resists Efflorescence	Resists Spalling	Removes Oil, Grime	Removes Rust, Efflorescence	Indoor applications	Outdoor applications	Porous Surfaces	Dense Surfaces	Concrete, Exposed Aggregate	Pavers and Slabs	Concrete Block Walls	Brick Masonry	Natural Stone & Travertine	Manufactured Stone	Synthetic Stone	Tiles
High Gloss Wet Look	✓				✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Low Sheen Wet Look		✓	✓		✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Lock n Seal			✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Satin Seal			✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓			
Final Coat	✓			✓										✓		✓					✓	✓	✓	✓	
Stain Block Elite				✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Pro-Grade Cleaner											✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Clean Concrete												✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DeGreaser Pro											✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Product Information Chart

All products are available in standard one gallon and five gallon sizes. 55 gallon drums and 275 gallon totes are also available upon request.