Global Sealer Technologies

Clean Concrete

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
- Removes rust and cement scale
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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 mixed 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 a dampened surface using a ***GST Low Volume Pump Sprayer*** and allow to stand 1-2 minutes. Foaming will occur.

Once 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 (FeO_2) or better known as rust. Strong acids like muriatic acid will dissolve these pigments permanently changing the appearance and etching the surface.

GST's ultimate solution to remove efflorescence from your hardscape project is ***Clean Concrete***. When applied to the affected surface, ***Clean Concrete*** will effectively remove the efflorescence.

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 no mix this product with bleach, trisodium phosphate, solvents, ammonia or other cleaners.

WARNING

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

IF IN THE 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

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. and the seller therefore disclaim any responsibility for damage of any kind. The only warranty extended, expressed or implied, is for defective material.

PRODUCT WARRANTY: The statements made herein, on labels, product bulletins, or by any of GST International employees or agents concerning this product are given for general information only. Due to variables beyond GST International's control in application, surface preparation, surface temperature, humidity and other variable factors GST International assumes no liability for any claim that may arise out of the use of its products and disclaims any warranty expressed or implied relating to the storage, application, thinning, merchantability, Buyer's assumption of performance, and the fitness for a particular purpose. Receipt of products from GST International or its agents constitutes acceptance of the terms of this warranty. In the event that GST International finds that the product delivered is not of GST International's standard quality, GST International will at its sole discretion, either replace the product or refund the purchase price. GST International's choice of one of these remedies shall be the Buyer's sole remedy. GST International will under no circumstances be liable for consequential damages, except insofar as liability is mandated by law. GST International will deliver products at agreed times insofar as it is reasonably able to do so, but it will not be liable for failure to deliver on time when the failure is beyond its reasonable control.

PREP & CLEAN

SEAL & PROTECT

Product Information Chart

Global Sealer Technologies

Elephant Armor®

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 Deep Seated Oil and Grease Stains Are Present

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

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**

Choose an Invisible Sealer:
- **Water Block**
- **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 Floors	Tiles
High Gloss Wet Look	✔					✔	✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔		✔	✔			
Low Sheen Wet Look		✔	✔			✔	✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔		✔	✔			
High Gloss Low VOC	✔					✔	✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔		✔	✔			
Low Sheen Low VOC		✔	✔			✔	✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔		✔	✔			
Lock n Seal			✔		✔		✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔	✔	✔	✔			
Satin Seal			✔		✔		✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		
Final Coat	✔				✔										✔			✔	✔				✔		✔	✔
Stain Block Elite				✔			✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		
Water Block				✔			✔	✔	✔	✔	✔				✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		
Pro-Grade Cleaner												✔			✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		
Clean Concrete												✔	✔			✔	✔	✔	✔	✔	✔	✔	✔	✔		
Degreaser Pro												✔			✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		

24/01/2022

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