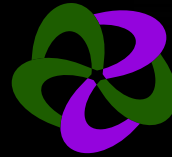


# ETCHEX



**INTERACTIVE CLEANING SYSTEMS FOR VIRTUALLY ANY MATERIAL**

- **ETCHEX IS A STABITROL SAFE SULFURIC ACID SOLUTION**
- **ETCHEX WILL NOT BURN LIVE HUMAN OR ANIMAL TISSUE**
- **ETCHEX WILL CHEMICALLY ETCH AND PROFILE ANY REACTIVE SURFACE**
- **ETCHEX IS INTERACTIVE WITH GELTEKK FOR DEEP PORE CLEANING**

## **ETCHEX**

### **GENERAL**

ETCHEX is a safe sulfuric acid solution call Stabitol®. Stabitol technology encompasses a process that allows the Stabitol® to remain safe when it comes in contact with human or animal tissue. It will react as a typical sulfuric acid solution does on lime, scale, concrete, cement, grout, stone etc. Etchex is a 10% solution of Stabitol in water. It will clean, etch, profile any material that conventional acids will do and more.

### **SCALE AND LIME REMOVAL**

1. Etchex will clean and or remove most scale, salts and other buildup such as calcium from efflorescing conditions. Material is sprayed on the surface as it comes from the container by low pressure spray. Once applied the Etchex should be allowed to dwell on the surface and then vigorously brushed.
2. Apply Geltekk to the surface where the Etchex has been applied. Scrub material onto surface causing an effervescing action to occur. Allow the Geltekk to dwell on the surface 5 minutes over the Etchex mixed together. Scrub vigorously with a stiff acid type brush,. Rinse completely with fresh water and allow to dry. If material still remains on the surface the procedure may have to be repeated. Note: In some case the efflorescing material has been allowed to virtually bond itself to the surface of the tile that it may be virtually impossible to remove.
3. In all cases as with any chemical product, it should be tested in an inconspicuous place before full scale application begins to assure effectiveness and actual procedures.

### **CHEMICAL ETCHING, PROFILING AND DEEP PORE CLEANING**

Follow procedures as outlined above. Etching and profiling may require longer dwell time on surface or several applications to achieve the desired effect. In all cases the Etchex needs to be neutralized after application to stop the acidic action.

*See Technical Data on the reverse side of this sheet. Always use proper care and protection when handling and or using any type of chemical product.*



**ETCHEX &  
GELTEKK PRODUCTS**



**SPRAYING ETCHEX**



**SCRUBBING  
GELTEKK OVER  
ETCHEX**



**PRESSURE CLEANING  
WITH WATER**

**TECHNICAL DATA AND APPLICATION**

**VALCON INDUSTRIES, LLC**

**6321 PORTER ROAD, SUITE 11, SARASOTA FLORIDA 34240**

**1-866-311-9737 TOLL FREE**



# ETCHEX



## TECHNICAL DATA AND APPLICATION INFORMATION

Technical Bulletin: EXTB 4-17-2015

### ENVIRONMENTALLY SAFE & EFFECTIVE

### ETCHING & PROFILING Solutions

### ETCHEX

50  
5.1

### APPLICATION ETCHEX

### TECHNICAL DATA SHEET

#### 1.0 PRODUCT

ETCHEX

#### 20 MANUFACTURER

Valcon Industries, LLC 1-866-311-9737  
Suite 11, 6321 Porter Road, Sarasota, Florida 34240 Dis-  
tributed by Valcon Industries

#### 3.0 PRODUCT DESCRIPTION

##### 3.1 ETCHEX

ETCHEX is a safe sulfuric acid solution called Stabitol. Stabitol technologies encompasses a process that allows the Stabitol to remain safe when in contact with human or animal tissue. It will react as typical sulfuric acid solutions do to calcareous, lime, concrete, cement, grout and other materials without harm to human or animal tissue. ETCHEX is a 10% solution of Stabitol in water. It will clean, etch and profile any material that conventional acidic solutions will react with.

#### 40 MODE OF OPERATION

##### 4.1 Cleaning

ETCHEX will remove most metallic stains such as rust depending the stains origin. When used in conjunction with GELTEKK it will open surface pores so that the GELTEKK can deep clean and effervesce the pore compound out of the pore space. This is a 10% solution of sulfuric acid that is safe but still works like acid.

##### 4.2 ETCHEX Functions

ETCHEX is designed to be chemically reactive to alkaline materials to chemically react opening the profile of such surfaces. When used with GELTEKK the ETCHEX will effervesce materials out of the pores and neutralize the acidic activity.

##### 4.3 Odor

ETCHEX has minimum odor and off gassing.

##### 4.4 Types Of Surfaces

ETCHEX can be used on various types of surfaces where chemical etching may be needed such as concrete, masonry and stone. When used in conjunction

with GELTEKK the acid will effervesce lifting soils from the GELTEKK and neutralizing the acid.

Once rate of dilution is determined and the expected results are achieved, apply the material to the surface with brush roller or spray. Spray application with low pressure bug sprayer type applicator, generally provides the most uniform application method.

*Note: As with all chemicals , always wear appropriate protection in compliance with general chemical application procedures using OSHA approved type protection. Always read the attached MSDS for all safety precautions and concerns.*

#### 5.2 PROCEDURES

1. Allow to work on the surface as needed or desired based on test application.
2. Rinse thoroughly with clean and potable water.
3. Neutralize the acidic activity on the surface applied by applying GELTEKK and work into surface.
4. Rinse completely.
5. Allow to dry completely prior to application of any other material.
6. \*SEE MSDS FOR SAFETY PRECAUTIONS AND COMPLIANCE\*

#### 5.0 FAVORABLE CHARACTERISTICS

Non Flammable, Odor Free, Water Based, Effective with hard water, Will Not Burn Human Or Animal Tissue, User Safe, Environmentally Safe

#### 6.0 PACKAGING

Available in 1 gallon jugs, 5 gallon pails, 55 gallon drums or 275 gallon totes

#### 7.0 STORAGE & HANDLING

Do not freeze. Shelf life 3 years.

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