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101G GRANITE, TERRA COTTA, & BRICK CLEANER

1. PRODUCT DATA

Date of Preparation: March 1, 2015
Product Name: 101G Granite, Terra Cotta, & Brick Cleaner
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
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This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. PRODUCT DESCRIPTION

DIEDRICH 101G combines inhibited acid ingredients and a biodegradable detergent into a powerful cleaner for masonry surfaces. Plus 101G contains a unique anti-stain formulation that inhibits the rust discoloration and the common yellowing caused by moisture in granite. It guarantees a natural white appearance and crystal highlight of the stone surface. This stain inhibitive property makes the 101G an ideal cleaner for other types of masonry which may have an iron content; for example, white face brick, concrete and precast concrete.

This formula penetrates, dissolves, and suspends grime for easy removal by flushing the treated area with high pressure stream of water. The chemical cleaner is applied by soft fiber brush, roller, or with an airless sprayer of a corrosive/acid resistant type or the DIEDRICH ACID EXPRESS SPRAYER.

Removes airborne dirt, atmospheric carbon, rust, mildew, algae, fungus, exhaust residue, industrial pollutants, weathering discoloration, efflorescence, lime stains, fire and smoke damage, and most other stains from easy to clean face brick, glazed tile, sandstone, granite, field stone, terra cotta, precast, stucco, swimming pools, clay tile, some limestones (except for high calcium based surfaces such as Indiana Limestone and concrete), asphalt, asbestos and slate shingles, aluminum siding, metal and wood.

3. TECHNICAL DATA

Physical form: clear aqueous liquid
Specific Gravity: 1.09
pH: 1.0 (10:1 dilution = 5.4)
Solubility: complete in water

4. PRECAUTIONS

Personnel: All workers must be protected with complete body coverage by rubber or polyethylene suits, boots, gloves, face shield, and protective headgear. Avoid contact with eyes and skin. Any exposed skin should be covered with a liberal coating of vaseline. Use with adequate ventilation. If used in confined area the use of a respirator with the appropriate filter may be required. When product is to be used on an occupied building, the following step should be taken to protect occupants from fumes. Close all windows and cover air intakes and exterior air conditioning vents. Also shut down air handling equipment during application and for 30 minutes following.

Interior Use: All metal fixtures in interior should be removed or plastic cover protected as they will be damaged by chemical fumes.

Adjacent Areas: Protect all glass, vegetation, electrical, anodized aluminum, painted surfaces, asphalt roofing, cars and other adjacent items, buildings and occupants with proper precautions, plastic coverings, and by soaking with water. Avoid wind drift as it may injure passersby or damage vehicles. Divert traffic.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

Safety lines and suspended scaffolding must be equipped with steel or synthetic fiber ropes. THIS PRODUCT WILL ETCH GLASS AND ALUMINUM. PROTECTION WITH PLASTIC SHEETS IS IMPERATIVE. Use only plastic pumps and utensils. Do not add to or mix with other chemicals or cleaners. The solution is not usually damaging to other surfaces encountered in the masonry wall, but caution should be exercised to confine the material to the surface being treated.

THOROUGHLY TEST ALL SURFACES BEFORE USING.
Always dilute 101G before use to avoid bleaching effect.

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5. TEST PROCEDURES

A test patch **MUST** be cleaned prior to full scale cleaning operations. The test patch is necessary to determine compatibility, dilution rates, and required end results. Individual surface types must be tested. Inspection of the test areas should occur after the surface has thoroughly dried. The test patch should be available for inspection and approval, then remain as the standard for the project.

6. METHODS/APPLICATION

101G is highly concentrated and can be diluted one part cleaner to up to 10 parts water, depending upon the type of masonry, degree of accumulated dirt and the method of application and rinse to be used. Best time to rinse is within 2 to 10 minutes after application of 101G.

In most cases, prewet wall to avoid streaking or bleaching of masonry surface. The most effective method of application is with an **Acid resistant airless low pressure applicator pump; such as the DIEDRICH ACID EXPRESS**, or with a soft densely fibered synthetic acid brush.

7. RINSE

Application of rinse water should be with a pressure washer, fitted with a fan type tip for best results. It is important to begin the rinse-off at the lowest treated area and work upward to top. Equipment providing 500 p.s.i. at 3 to 5 gallons of water per minute is recommended.

8. COVERAGE

1 gallon of full-strength 101G will clean approximately 150-200 sq.ft. of surface. Area coverage can be increased with dilution.

9. AVAILABILITY AND COST

Available through a network of 1500 dealers and over 2000 contractors located throughout the United States, Canada, Mexico and Europe. Cost will fluctuate according to the type of masonry to be cleaned, freight and labor costs and other variables.

ENVIRONMENTAL PROTECTION SYSTEM:

USE DIEDRICH NEUTRA-SOAK "A" (FOR ACIDS), WHICH IS A DRY ABSORBENT COMPOUND, FOR SPILLAGE AND TO DIKE/CONTAIN AND COLLECT WASH-OFF RESIDUE FOR SAFER DISPOSAL AND TO ADDRESS LOCAL ENVIRONMENTAL REQUIREMENTS

WARRANTY: ALWAYS USE A TEST SAMPLE TO DETERMINE DESIRED RESULTS. PRODUCT FREEZES BELOW 32°F, AND MAY BE ADVERSELY AFFECTED BY COLD WEATHER.

DIEDRICH TECHNOLOGIES, INC., warrants that the product will conform to the description and specifications set forth on the product label and will be free from defects in material and workmanship. The exclusive remedy of the Buyer in the event that the product does not so conform shall be the replacement of the product. This warranty is expressly made in lieu of any and all other warranties expressed or implied, including the warranties of merchantability and fitness, and Diedrich Technologies, Inc., shall not be liable for any loss or damage, directly or indirectly, arising from the use of such merchandise or for consequential or incidental damages. While Diedrich Technologies Inc. believes that the data contained herein is accurate and the information is based on test and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Manufacturer shall not be responsible for any contamination, or related testing or removal costs resulting from use of this lead-free product on any material containing lead or other toxic or environmentally hazardous substances. Since the actual use, by others, is beyond our control, no guarantee, expressed or implied is made by Diedrich Technologies Inc., as to the effects of such use, the results to be obtained, or the safety and toxicity of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions or circumstances exist or because of applicable laws or governmental regulations. All claims of any kind against manufacturer arising from or related to this product in any way shall be decided by binding arbitration in accordance with the Construction Industry Arbitration rules of the American Arbitration Association. **Copyright © 2015**

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