



# Specifications and Data

## DIEDRICH 900X DEGREASE & ETCH X-STRONG

**1. PRODUCT NAME:**  
DIEDRICH 900X DEGREASE & ETCH X-STRONG

**2. MANUFACTURER:**  
Diedrich Technologies, Inc.  
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Oak Creek, WI 53154  
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**3. PRODUCT DESCRIPTION:**  
DIEDRICH 900X Degrease & Etch is formulated specifically to clean grease, oil, scum, dirt, etc. from industrial concrete floors, terrazzo, pre-cast concrete, or most other flooring types etc. Its ability to degrease and etch in one step makes it an excellent product for clean-up and surface preparation prior to epoxy, urethane coatings or paint, ceramic tile and new resilient flooring.

**LIMITATIONS:** 900X Degrease & Etch should be used with extra care when used on or near glazed surfaces and colored mortar and concrete. 900X Degrease & Etch may not be compatible with these surfaces. Test applications must be accomplished to ensure there are no adverse reactions such as whitening/bleaching. 900X Degrease & Etch will not clean pollution and carbon deposits, or smoke and fire residue from masonry, concrete and stone surfaces.

Glass, metal, painted and all adjacent surfaces/items must be protected from contact with the chemical.

**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 the exterior of an occupied building, the following steps 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 vegetation, metal and painted surfaces, electrical, anodized aluminum, asphalt roofing, cars and all other adjacent items with proper precautions, plastic coverings, and by soaking

with water. Avoid wind drift as it may injure passersby or damage vehicles. KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

**5. TEST AREA:**  
A test patch MUST be cleaned prior to full scale cleaning operations. The test patch is necessary to determine compatibility 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. APPLICATION:**  
For average clean-up, 900X Degrease & Etch can be diluted from one to three parts water to one part 900X Degrease & Etch. Use full strength concentrate for severely stained areas.

Thoroughly pre-wet the surface to be cleaned with water. Apply 900X Degrease & Etch liberally to the area to be cleaned at the dilution rate indicated by the test patch. Application of the 900X Degrease & Etch can be by a soft, densely fibered synthetic brush or a pump up sprayer. The most effective method of application is with the DIEDRICH ACID EXPRESS APPLICATOR PUMP; an acid-resistant airless low-pressure sprayer. Allow a dwell time of 3 to 6 minutes. Application of the rinse water should be with a pressure washer fitted with a 15°, 25° or 40° fan type tip. Equipment providing 500 p.s.i. at 2 to 5 gallons of water per minute will give the best results. For severely soiled areas, a reapplication of 900X Degrease & Etch may be necessary and the area agitated with a stiff brush prior to rinsing with pressured water. For deep-seated oil stains reapply DIEDRICH ASPIRSOLV or the DIEDRICH OIL STAIN REMOVAL KIT.

**CAUTION:** As with any acid based material like 900X Degrease & Etch, water used for dilution should be placed in rubber or polyethylene containers first, then slowly add the 900X Degrease & Etch. Metal containers and tools are NEVER to be used as acids and their fumes will have a reactive effect with other chemicals, metals and other materials to form a highly flammable, explosive and toxic hydrogen gas.

**7. COVERAGE:**  
1 gallon of 900X Degrease & Etch full-strength will clean approximately 200 sq. ft. of surface. Area coverage can be increased with dilution.

**8. AVAILABILITY:**  
Diedrich products are available through a network of over 2000 distributors and 2100 contractors located throughout the United

States, Canada, Mexico and Europe.

### 9. 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 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.

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#### 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.



Diedrich Technologies, Inc  
March, 1993



MASONRY  
Cleaning Materials