

## ALL PURPOSE CLEANER ACID

### DESCRIPTION AND USE

- Designed to be used on homes and in light duty commercial applications.
- Can be used on a variety of masonry surfaces, polished stone surfaces, limestone, fiberglass, tile, porcelain, metal finishes, concrete, wood, painted aluminum and vinyl siding.
- Removes stains that can occur under the eaves on siding.

### ADVANTAGES

- \* Safe on skin
- \* 100% safe on glass
- \* Improves productivity

### LIMITATIONS

- \* Generally not effective on very old thick-crust carbon deposits.
- \* Not a restoration detergent

### TECHNICAL DATA

Appearance & Odor: Amber liquid, mild odor.

Physical State: Liquid

pH: 2.0

Vapor Pressure (mmHg): N/A

Vapor Density (air=1): N/A

Boiling Point: 210 F

Freezing/Melting Point: N/A

Specific Gravity (WATER =1): 1.07

Evaporation Rate: N/A

Solubility in Water: Complete

### PREPARATION

Protect adjacent and surrounding surfaces not intended to be cleaned when necessary. Cover foliage with polyethylene or other proven protective material.

### SURFACE & AIR TEMPERATURES:

Excessively high or low temperatures will produce poor results and possible harm. Best cleaning results are obtained when air and surface temperatures are 40° Fahrenheit or above. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for surface to thaw. If air temperatures exceed 85° Fahrenheit, flash cool the surface with water before applying product. Do not allow products to dry on the surface. Always rinse thoroughly while still wet.

### PRE-TESTING

Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each type of surface and stain designated to be cleaned. Test also to determine the desired surface contact time and any potential for adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results.

### SUITABLE SUBSTRATES

Aluminum and vinyl siding, stainless steel (non-coated), fiberglass, tile, porcelain, roofs, wood, masonry surfaces, granite, marble, limestone and concrete

### DILUTIONS

First cut at 2:1 to make product ready to use then follow the dilution ranges listed below. Apply using a pressure washer up or down stream, or a low pressure spray applicator

-1:1 porous substrates – (concrete driveways, garage floors, sidewalks and masonry surfaces)

-Undiluted - 6:1 difficult cleaning and restoration work

-10:1 - 20:1 standard cleaning

*Note: Dilutions will vary based on the severity of the stain and type of surface.*

### APPLICATION INSTRUCTIONS

HD Britenol is designed for professionals but may be applied by the homeowner by brush or with a low pressure sprayer. The best use of the product is to use two applications spaced several minutes apart without allowing the product to dry on the surface. The first pass is to penetrate and the second to lift the stain out. Glass does not need to be covered. There is no danger of burning the surface if the product is used repeatedly straight. This product can be used in a two step or acid then alkaline cleaning system with Cleansol. The two step system creates neutralization and will boost performance in difficult areas, such as under eaves. Apply HD Britenol first, then Cleansol, then rinse. Rinsing can be a garden hose or a pressure washer for a deeper clean.

### COVERAGE RATES

Coverage rates will vary from 100 - 250 sq. ft. per gallon depending on the surface porosity, texture and severity of staining.



# HD BRITENOL

## PRODUCT SPECIFICATION HD BRITENOL

### ALL PURPOSE CLEANER ACID

#### PRECAUTIONARY MEASURES

Always wear goggles and rubber gloves when handling this product. Keep off of skin and clothing. If material comes in contact with clothing, wash before reuse. The product contains Hydrochloric Acid. Do not get in eyes, on skin or clothing. Keep container closed when not in use. Use with adequate ventilation. Applicators should wear rubber boots and gloves, face shields and/or goggles to avoid splash to bare skin or eyes. Though the potential for fuming of HD Britenol is minimal, take precautions to avoid exposing building occupants to fumes. Dispose of empty containers according to federal, state and local requirements. Avoid drifting of material or rinse water onto autos and pedestrians by protecting or diverting such traffic. Do not dilute HD Britenol with any other product except pure water. Do not use for any other applications other than specified. Do not remove label. Read Material Safety Data Sheet for additional safety and health hazard information prior to use.

#### SPILL OR LEAK PROCEDURES

Check with the state, local, or federal regulations for waste disposal methods in the area. Wear proper protective equipment while doing cleanup. For large spills, dike and contain for intended use. For small spills, use a chemical absorbent product and place in approved container for disposal.

#### CONTAINER HANDLING/STORAGE

Store in a cool dry place. Keep container tightly closed when not in use. Wash thoroughly after handling. Empty containers retain residue and vapors and must be handled as if full.

#### INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE

Eyes: Flood with water fifteen minutes. Seek medical attention.

Skin: Wash off with soap and water. If irritation persists call physician.

Inhalation: Remove to fresh air. Call physician and seek medical attention if irritation continues.

Ingestion: Drink copious amounts of water to dilute. Call physician. Seek medical attention.

#### NOTICE

This product has been classified in accordance with the hazard criteria of the CFR.

#### DISCLAIMER

The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.

#### CUSTOMER SERVICE

Factory personnel are available for assistance at 800-313-8505 and will send you additional information on products as necessary.

