

FOR PROFESSIONAL USE ONLY**SPEC DATA SHEET**

HD Britenol is an all-purpose cleaner designed for residential and light duty commercial applications. HD Britenol works great on most substrates. HD Britenol will not harm people or animals when used as directed, but care should be taken to protect plants. HD Britenol is sold as a concentrate and ships not regulated by the D.O.T.

ADVANTAGES

- Safely replaces bleach on most applications
- Cleans using brushless application
- Can be used on multiple substrates
- Great for use in either commercial or residential applications
- Improves productivity

LIMITATIONS

- Do not allow product to dry on the surface. Always rinse thoroughly.
- Generally, not effective on very old thick-crust carbon deposits
- Not a restoration detergent
- Diamond Deck can blush, even when using this product at high dilutions. Adequate testing is required.

**For information about soft metals, please see our soft metal Issue Statement at our website for more complete guidance.*

TECHNICAL DATA

Appearance:	Pale yellow color
Odor:	Pleasant scent
Physical State:	Liquid
pH:	<2.0
Boiling Point:	>212° F
Specific Gravity (water=1):	1.09 @ 77° F
Evaporation Rate:	N/D
Solubility in Water:	Complete
Flash Point:	N/D
Viscosity	Water thin
Decomposition Temp:	N/D
Oxidizing Properties:	N/D

PREPARATION

Protect adjacent surfaces and surrounding building

hardware not intended to be cleaned from exposure to the cleaning solution. Avoid direct contact with foliage. Cover landscape using plastic or wet the foliage with water before and after cleaning. Avoid wind drift on surrounding surfaces such as auto and pedestrian traffic.

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 above 40° Fahrenheit or less than 90° Fahrenheit. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for the surface to thaw. If air temperatures exceed 90° 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. Pre-testing will determine suitability and effectiveness on each type of surface and stain designated to be cleaned. Pre-testing will also determine dwell times and number of applications required to achieve desired results. Pre-testing will show any potential or adverse reactions to adjacent surfaces. Allow test areas to thoroughly dry before evaluating final appearance and results.

SAFETY INFORMATION

Always wear goggles and chemical resistant gloves when handling this product. Read the Safety Data Sheet for additional safety and health hazard information prior to use. Do not get in eyes, on skin, or on clothing. Do not wear contact lenses when using this product. If material comes in contact with clothing, wash before re-use. Do not dilute this product with any other product except clean water. Do not use any other application other than specified in the application instructions. Keep container closed when not in use. Use with adequate ventilation. Use NIOSH/MSHA approved respiration devices when adequate ventilation is not available. Though the potential for fuming is minimal, take precautions to avoid exposing

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building occupants to fumes. Do not remove the label from the container. Dispose of empty containers in accordance with federal, state, and local requirements.

SUITABLE SUBSTRATES

The following substrates have been tested on and are deemed suitable under standard conditions. Pre-testing is always recommended prior to full-scale cleaning.

- | | |
|-----------------------------------|---------------------|
| ✓ Aluminum Siding | ✓ Stucco |
| ✓ Vinyl Siding | ✓ Wood |
| ✓ Stainless Steel
(non-coated) | ✓ Granite |
| ✓ Fiberglass | ✓ Unpolished marble |
| ✓ Tile | ✓ Limestone |
| ✓ Porcelain | ✓ Concrete |
| ✓ Asphalt Shingles | ✓ EIFS |

While this list is extensive, there are other substrates that HD Britenol may be suitable for that are not listed. Every cleaning situation is unique in its own way, so please follow all precaution, pre-testing and application instructions included in this Product Data Sheet.

CAUTION: KEEP AWAY FROM CHILDREN**CHEMTEL 24 HOUR EMERGENCY RESPONSE SERVICE NUMBER - 1-800-255-3294****DILUTIONS**

- 4 parts water to 1 part HD Britenol for asphalt shingles
- Undiluted to 15 parts water to 1 part HD Britenol for aggressive staining
- 20-60 parts water to 1 part HD Britenol for standard maintenance and cleaning

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

COVERAGE RATES

Coverage rates will vary based on dilutions, porosity severity of stain, application method, and other factors. Proper testing will determine actual coverage rate.

APPLICATION INSTRUCTIONS

1. Pre-wet the surface (do not saturate) with water before applying HD Britenol.
2. For best results, apply HD Britenol twice to the surface. Allow several minutes in between applications - do not allow the product to dry on the surface.
3. HD Britenol can be used as a one-step cleaner or in a two-step cleaning system (acid then alkaline) with Cleansol BC. The two-step system creates neutralization and will boost performance in difficult areas such as under eaves.

RINSING

Proper rinsing techniques determine the final look and quality of the job. A thorough rinse job is always recommended; however, our chemistry never requires flooding the surface. HD Britenol can be rinsed using cold water and low pressure. Pressures that mark the surface should be avoided. When in doubt, follow the manufacturers recommended P.S.I. for the substrates.

Do not use a zero-degree nozzle.**Caution: Do not allow the product to dry on a surface.****SPILL OR LEAK PROCEDURES**

Check with state, local, or federal regulation for waste disposal methods in the area. Wear proper protective equipment while doing clean-up. For large spills, dike and contain for intended use. For residual, use a chemical absorbent material. For small spills, use a chemical absorbent material and place in an approved container for disposal.

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CONTAINER HANDLING/STORAGE

Store product in a cool, dry place away from alkali-based materials. Vent the bung cap before opening. Keep container tightly closed when not in use. Wash thoroughly after handling. For best results, liquid should be 32° F or higher prior to use.

INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE

Eyes: Flood with water for 15 minutes. If irritation develops, seek medical attention.

Skin: Wash off with soap and water. Follow with a good emollient. If irritation develops, seek medical attention.

Ingestion: Drink lots of water to dilute. Do not induce vomiting. Seek immediate medical attention.

Inhalation: Move to fresh air. If irritation develops, 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 Monday through Friday from 8am to 5pm EST at (724) 656-1055. Questions can also be sent to info@eacochem.com. A reply can be expected by the following business day or FaceTime and Call from the Wall is available while on jobsite.