

**SPEC DATA SHEET**

Calcite Presoak is designed as a presoak for the removal of calcite from clay brick only. Calcite Presoak is always used in conjunction with NMD 80. This combination is for the complete removal of calcite. Calcite removal from concrete masonry units (CMU) can be achieved by using White Scum Presoak followed by NMD 80.

**ADVANTAGES**

- Powerfully penetrates and softens calcite

**LIMITATIONS**

- May bleach surface if used repeatedly undiluted
- Do not use on lime-faced brick
- Only for use on clay brick

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

**TECHNICAL DATA**

Appearance:	Clear
Odor:	Mild odor
Physical State:	Liquid
pH:	1.5
Boiling Point:	>212° F
Specific Gravity (water=1):	1.10 @ 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 as well 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. 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 worn.

**DILUTIONS**

Calcite Presoak is always used undiluted.

**CAUTION: KEEP AWAY FROM CHILDREN**

**CHEMTEL 24 HOUR EMERGENCY RESPONSE  
SERVICE NUMBER - 1-800-255-3294**

**SPEC DATA SHEET****COVERAGE RATES**

Coverage rates will vary based on severity of calcite build-up. Proper testing will determine actual coverage rate.

**APPLICATION INSTRUCTIONS**

1. Apply Calcite Presoak undiluted directly to the affected areas. A heavy white foam will result - allow this foam to collapse.
2. Re-apply Calcite Presoak undiluted without rinsing directly to the same affected areas.
3. Do a scratch test to determine if you can see the substrate beneath the calcite. If not, repeat steps 1 and 2.
4. Once the substrate is visible beneath the calcite, Apply NMD 80 diluted 4 parts water to 1 part NMD 80 over the treated area. Heavy white foam will form. Calcite is completely removed once white foaming ceases.
5. Complete with another application of NMD 80 diluted 4 parts water to 1 part NMD 80. As long as there is no white foaming, you are ready to rinse.

*Note: Do not allow Calcite Presoak to run down the surface as bleaching may occur. Apply enough product on the calcite deposits without over soaking to avoid runs. If runs occur, rinse the excess immediately.*

**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. Calcite Presoak and NMD 80 4:1 can be rinsed using cold water. 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.

**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](mailto:info@eacochem.com). A reply can be expected by the following business day.