

Technical Data Sheet

iClean™

Safe Masonry Detergent

Product Data and Application Method

PRODUCT NAME

iClean™

Flexible, safe masonry detergent for cleaning excess mortar & new construction contaminants.

MANUFACTURER

Chemical Products Industries, Inc
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PRODUCT DESCRIPTION

iClean™ Safe Masonry Detergent is a concentrated new construction cleaner designed to remove excess mortar, dirt and efflorescence from brick, masonry, tile and concrete surfaces. iClean™ quickly dissolves mortar smears and dirt safely and efficiently with no odor, leaving a clean and uniform surface with no acid burn or streaking.

iClean™ is a flexible product that when applied correctly will reduce cleaning time and deliver the desired result that showcases the substrate's natural color.

CHARACTERISTICS

Proprietary, acidic, water based mixture of proprietary surfactants.

USAGE

Tile, grout, mortar, brick and most concrete surfaces.

BENEFITS

- No-odor
- No-streaking
- No-burning
- Proprietary detergent
- Replaces harsh acids
- Safe & effective
- Easy-to-use
- Economical
- Biodegradable

TECHNICAL DATA

Color	Slight amber/clear liquid
Odor	Slight/non-descript
pH	1.0 -2.0
Density	1.04 g/cc
Flash point	150° - 230° F
Freeze point	N/A
VOC	Federal EPA Compliant

COVERAGE RATES

Always test. Coverage rates will vary depending on surface texture, level of contamination and porosity. General coverage rates: porous or textured surfaces est. 250-500 sq. ft. / gal., and for dense or smooth surfaces est. 500-1000 sq. ft. / gal.

PREPARATION

Protect all non-masonry surfaces e.g. metal, glass, painted surfaces, people and vegetation from product splash and wind drift. Clean when traffic is at a minimum, divert or block area if needed. Clean before installation of roofing materials, windows, doors, finished flooring, metal fixtures and other non-masonry surfaces. Protect all non-masonry surfaces with polyethylene where necessary.

Caulking and sealants should be in place and cured prior to cleaning. Use iClean™ on new brick/tile surfaces 7-28 days after installation for best results. Mortar and grout smears left longer than one month are more difficult to clean.

iClean™ should be applied when surface and air temperatures are 40° F (4° C) or above. If

freezing has occurred, allow the masonry to thaw completely before application.

ALWAYS TEST in an inconspicuous area to determine the suitability of this product for the intended use. Let test area dry a minimum of 3 days before inspection.

DILUTIONS

Always pour cold water into an empty polypropylene bucket first, and then carefully add the concentrated cleaner. Do not use hot water. Do not use in a metal container. For porous, textured, heavily contaminated surfaces apply in full strength or dilute with 4 parts water - test to determine correct usage. For smooth, polished or heavily glazed surfaces increase dilution to 8 parts water.

APPLICATION

Apply with low pressure acid resistant spray (25-50 psi) or masonry washing brush. Rinse with high pressure water (400 psi). (calcimine brushes and stainless steel or polyethylene spray equipment.)

Prewet a large area with water. Apply product liberally over the surface. Allow iCleen™ to remain on the surface for 5-15 minutes without drying. Reapply as needed. Scrape off tough mortar build-up without harming the masonry. Thoroughly high-pressure water rinse entire area. Repeat application process as needed to reach desired results.

For continued protection from moisture, mildew, water damage, and other atmospheric pollutants, protect the surface with a Chemical Products water repellent/sealer.

LIMITATIONS

Do not pressure spray product over 50 psi. iCleen™ is a surface cleaner and is not designed to penetrate deep into surfaces. Multiple applications may lighten mortar.

Use water to keep areas below the surface being cleaned damp to avoid streaking or chemical residue.

May not be suitable for cleaning buff-colored brick and brick, stone or tile with metallic additives.

Not suitable for cleaning polished or glazed surfaces. Test to determine suitability.

Not suitable for cleaning atmospheric pollutants e.g. carbon stains, mold and mildew. Use the appropriate Chemical Products Restoration Cleaner to remove these types of contaminants. Consult a Chemical Products Restoration Cleaner representative for product recommendation.

PRECAUTIONS

For specific information regarding safe handling of this material refer to the Material Safety Data Sheet.

AVAILABILITY

iCleen™ is available in 1, 5 and 55 gallon drums throughout the United States. Contact Chemical Products Industries, Inc. at 800-624-4356 for a sales representative in your area.

TECHNICAL SERVICE

Technical service engineers and chemists are available to answer questions on product performance, application methods and chemical composition.

LIMITED WARRANTY

Chemical Products Industries, Inc. warrants this product to be free from defects. Chemical Products Industries, Inc. shall not be held responsible in any manner for any personal injury or property damage or other type of loss resulting from, or related to, the handling, storage, or use of this material. Since Chemical Products Industries, Inc. shall have no control of the use of this product described herein; Chemical Products Industries, Inc. assumes no liability for loss or damage incurred from the improper use of such product.