

Technical Data Sheet

iRestore™

Safe Restoration Cleaner

Product Data and Application Method

PRODUCT NAME

iRestore™
Non-Hydrofluoric Restoration Cleaner

MANUFACTURER

Chemical Products Industries, Inc
7649 SW 34th St., Oklahoma City, Ok 73179
(800)624-4356 (405) 745-2070

PRODUCT DESCRIPTION

iRestore™ is a revolutionary safe acid cleaner used to remove biological stains as well as metal and mineral oxide stains from a wide variety of surfaces. iRestore™ was specifically designed for the restoration of historic buildings, but it is also a great choice for schools, colleges, stadiums, hospitals, churches, and other public facilities in urban environments where safety is of the utmost importance.

THIS PRODUCT DOES NOT CONTAIN:

Hydrofluoric Acid

CHARACTERISTICS

Waterborne mixture of proprietary surfactants.

USAGE

Brick, concrete, precast, limestone, sandstone, exposed aggregate, granite, unpolished marble, synthetic stone, terrazzo, anodized aluminum, EIFS, uncoated stainless steel, roofs and glass.

BENEFITS

- Safe, easy-to-use
- Non-bleach odor
- Interior/Exterior use
- VOC compliant
- Safe on glass when used correctly
- Wide variety of use
- Excellent on brick and concrete

TECHNICAL DATA

Physical State	Liquid
Odor	Slightly acrid
pH	2.0
Density	1.14 g/cc
Solubility in Water	Complete
VOC	Federal EPA Compliant

BEFORE USING

Read entire label, tech data and MSDS. Contains hydrochloric acid. Use adequate ventilation. Avoid breathing of vapor or spray mist. Precautions must be taken to avoid exposing building occupants to fumes above permissible exposure limits (PEL) for product. Keep container closed when not in use. In case of FIRE, extinguish with foam, CO², dry chemical, water fog or spray. Do not reuse container.

PROTECTIVE EQUIPMENT

Always wear gloves and goggles when handling this product. Rain suit of plastic, rubber, or PVC boots and gloves, face shields, and goggles. Use respiratory protection in accordance with OSHA Standards and Local Codes.

SPILLS and DISPOSAL

Large spill: Dike and contain for intended use. Small spill: Soak up with an absorbent and place in approved container for disposal. Check state, local, or federal regulations for your area for waste disposal. Check for adequate ventilation to maintain PEL.

FIRST AID

Do not get in eyes, on skin or clothing. Wash clothing before re-use. In case of contact: For eyes, immediately flush with water for 15 minutes. Call a physician. For skin, flush with soap and water. Wash clothes before reuse. If inhaled, remove to fresh air. Call a physician. If swallowed, drink water, do not induce vomiting, call a physician immediately. For additional information, consult the MSDS for this product.

COVERAGE RATES

Generally, one gallon of material will treat 50-300 sq. ft. per gallon. Coverage rates will vary depending on surface texture, porosity and severity of stain.

PREPARATION

Fully protect all adjacent and surrounding surfaces including foliage, vegetation, surrounding buildings, metal and painted surfaces during the cleaning process. Cover landscaping using plastic or wet the foliage with water before and after the cleaning process. Clean when traffic is at a minimum, divert or block area if needed. iRestore™ should be applied when surface and air temperatures are 40° F or above. If freezing has occurred, allow the masonry to thaw completely before application. If temperatures exceed 90° F always pre-wet the surface with fresh water before application. Do not allow iRestore™ to dry on the surface.

ALWAYS TEST, in an inconspicuous area, to determine the suitability of the product for the intended use.

APPLICATION

Apply with low-pressure spray (25-50 psi). Brushing is not necessary in most cases. For porous surfaces and removal of deeply embedded stains, prewet the surface with fresh water before applying iRestore™ cleaning solution. Then use a two coat application of the solution allowing 3-5 minutes between applications without rinsing. Follow with a high-pressure fresh water rinse (1000-3000 psi) for best results. Use lower pressure rinse when working with sensitive substrates. **DO NOT ALLOW SOLUTION TO DRY ON THE SURFACE.** Repeat application process as needed to reach desired results.

Clean tools, equipment with fresh water. Water flush all primary surfaces, shrubbery, sidewalks, blacktop, asphalt, glass, equipment and all adjacent surfaces.

LIMITATIONS

Do not allow solution to dry on the surface.
Do not use on polished marble.
Do not use on copper, brass or bronze.
Always test prior to use.

STORAGE & STABILITY:

iRestore™ has a shelf life of at least 12 months at temperature between 0 C and 30 C. Protect the containers against light. After 12 months from the product purchase date, testing is required to verify the product is still active. Do not allow product to freeze. Freezing could decrease shelf life substantially. If the material is kept beyond the shelf life recommended, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.

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.

PRECAUTIONS

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

AVAILABILITY

iRestore™ is available in 1, 5 and 55 gallon drums throughout the United States. Contact Chemical Products Industries, Inc. at 800-624-4356 or 405-745-2070 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.

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