

HARD SURFACE RESTORER



REFURBISHTM

**RESTORER FOR MASONRY, STONE
& UNGLAZED CERAMIC**

PRODUCT SPECIFICATION BULLETIN

THE FINEST IN JANITORIAL PRODUCTS, SUPPLIES AND EQUIPMENT SINCE 1946

Product No. 248

PRODUCT DESCRIPTION

Date: 4/2011

LAWTON'S REFURBISH is for professional use only. It is a strong acid, restorative cleaning product designed to supplement, not replace your maintenance cleaner or degreaser. *REFURBISH* will renew the appearance of old or mineral stained masonry, stone or unglazed ceramic surfaces. *LAWTON'S REFURBISH* removes rust or most other mineral stains from concrete floors or walls, restores driveways, walkways, sprinkler stained exterior walls and has many other similar uses.

DIRECTIONS

SURFACE WARNING: In all applications prior to using this product, pre-test a solution of *REFURBISH* on a small patch test area. To the test area, apply *REFURBISH* solution and allow to work. Rinse and dry. Observe the surface for desired results.

DO NOT USE ON: Marble, travertine, terrazzo, glazed tile, porcelain, glass or similar surfaces.

DIRECTIONS: For best results, pre-clean the surface to be restored with *LAWTON'S LIFT OFF* or *STARBURST* degreaser to remove oil or other hydrocarbon soil. Apply *REFURBISH* solution evenly with mop, brush or roller. Let work on the surface. Rinse thoroughly with water. Re-apply if necessary. After restoring, we recommend sealing the surface to reduce re-soiling. If future restoration becomes necessary, sealers or impregnators must be completely removed.

DILUTIONS:

- **CONCRETE OR ROUGH STONE:**
 1. **Restoration, heavy mineral stains:** Use full strength. Apply and let work on the stained area.
 2. **Restoration normal soil:** Dilute 1 gallon concentrate per 1 gallon of water. (1:1 Dilution)
- **UNPOLISHED GRANITE & STUCCO:** Dilute 64 ounces concentrate per gallon of water. (1:2 Dilution)
- **UNGLAZED CERAMIC TILE:** Dilute 32 ounces concentrate per gallon of water. (1:4 Dilution)
- **MINERAL STAINS ON SOUND PAINT:** (rust or silica from sprinklers) Dilute 32 ounces concentrate per gallon of water. (1:4 Dilution)
Do not get on window glass or aluminum framing.

CAUTIONS

DANGER: Corrosive poison contains acid fluorides. May be fatal if swallowed. Will cause severe irritation or chemical burns to skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling product. Wash after handling. Avoid breathing product mist when applying. Keep out of reach of children.

FIRST AID: IF CONTACT WITH EYES: Rinse with cool water for 15 minutes. Get immediate medical help. IF SWALLOWED: Take milk of magnesia or calcium carbonate antacid with water. Do not induce vomiting. *Call a physician or poison control center immediately.* IF CONTACT WITH SKIN: Immediately wash with soap and water. Wash thoroughly under fingernails. Apply liquid antacid solution. If irritation persists, get medical attention.

PELIGRO: Envenenamiento corrosivo contiene ácido fluoruro. Puede ser fatal si se ingiere. Puede causar severa irritación o quemaduras químicas en la piel. Causa daño en los ojos. Utilice lentes o gafas de seguridad y guantes de goma cuando maneje este producto. Lávese las manos después de usarlo. Evite respirar los vapores o rocío cuando lo esté aplicando. Manténgalo alejado del alcance de los niños.

PRIMEROS AUXILIOS: SI ENTRO EN CONTACTO CON LOS OJOS: Enjuague con agua fría por 15 minutos. Busque asistencia médica de inmediato. SI LO INGIRIÓ: Tome leche de magnesia o antiácido de carbonato de calcio con agua. No induzca el vómito. Llame a su médico o centro de control de envenenamientos de inmediato. SI ENTRO EN CONTACTO CON LA PIEL: Inmediatamente lávese con jabón y agua. Lave cuidadosamente por debajo de las uñas. Aplíquese una solución líquida anti ácida. Si la irritación continua busque asistencia medica.

HAZARDOUS INGREDIENTS:

Ammonium bifluoride CAS No. 1341-49-7
Phosphoric acid CAS No. 7664-38-2

PROTECTIVE EQUIPMENT

It is recommended to wear protective gloves and protective eyewear when using this or any chemical cleaning product. When spray applying, ventilation and breathing protection is recommended.

TECHNICAL DATA

Total active ingredients 18.7 ± .5%.
Nonvolatile matter 18.7 ± .5%.
Color & appearance Water clear colorless liquid.
Odor Mild to odorless.
Viscosity Water thin liquid.
pH 1.5 ± .5 @ 25°C.
Specific Gravity 1.052 @ 25°C.
Weight per gallon 8.7 lbs. per gallon.
Biodegradable (organic components) Yes.
Phosphorus content < 0.5% max.
Detergent type Nonionic and amphoteric.
Foam height Moderate.
VOC (Volatile Organic Content) 0.0% by wt. max.
Flash point Nonflammable.
Shelf life (stored properly) 2 years.

CONCENTRATE

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