



# INTERNATIONAL STONEWORKS, INC.

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## Green Solutions Floor Finish Remover

A Stoneworks™ Product

This product meets the Green Seal™ standard for industrial and institutional floor-care products based on its reduced human and aquatic toxicity and reduced smog production potential.

GREEN SOLUTIONS FLOOR FINISH REMOVER is specifically formulated to strip floor finishes, wax, and acrylic sealers. It does not produce a strong odor. Remover is fast acting and easy to use.

<b>Traditional Non-Green Products</b>	<b>Green Solutions Floor Finish Remover</b>
Ammonium hydroxide	None
Butoxyethanol	Diethylene Glycol Monobutyl Ether
High levels of volatile organic compounds (>10%)	Low VOCs
Strong Odors	Low odors

<b>Traditional Non-Green Compound Description</b>	<b>Green Solutions Floor Finish Remover Compound Description</b>
Ammonium hydroxide is a basic cleaning compound commonly used in economy strippers. It is extremely irritating to the respiratory tract and eyes, and reacts violently with strong mineral acids.	None
Butoxyethanol attacks water-soluble dirt as well as water-insoluble oils and greases. But, it is a potential nose and eye irritant and may cause red blood cell damage if absorbed through the skin.	Diethylene Glycol Monobutyl Ether is most commonly used as a solvent in degreasing detergents. It is biodegradable and is not easily absorbed through the skin.
Volatile Organic Compounds - high VOC levels negatively affect indoor air quality, thus they are often monitored or restricted.	VOC level - Is 1.6% by weight in concentrate, <0.5% at 1:4 dilution.
Strong odors, caused by high solvent concentrations, can cause extreme irritation; even nausea when used in confined or improperly ventilated areas.	Low odor minimizes potential nausea due to use in confined or unventilated areas.

### PRODUCT DESCRIPTION:

GREEN SOLUTIONS FLOOR FINISH REMOVER is a very effective finish and wax

emulsifier. Low odor makes it the ideal floor stripper to use in confined areas and where typical strong stripper odor presents a problem. This unique stripping compound is dye-free and is non-viscous.

**BREATH EASIER - LOW ODOR AND NO VOCs:**

GREEN SOLUTIONS FLOOR FINISH REMOVER is fragrance free and has low VOCs (volatile organic compounds). Use in facilities and confined areas with confidence. An ideal choice for healthcare facilities, retail establishments, schools, administrative type offices, and public buildings. No need to schedule floor stripping during “off hours” due to extremely offensive odors. Use 24 hours a day! Anytime and anywhere!

**GO GREEN - NO BUTOXYETHANOL TO CONTEND WITH:**

GREEN SOLUTIONS FLOOR FINISH REMOVER does not contain butoxyethanol; however, it is a very effective floor stripper and wax emulsifier. Assertive, not aggressive is the best way to describe Green Solutions Floor Finish Remover. Butoxyethanol, also commonly referred to as butyl, is often used as a very effective solvent, however, it is a potential inhalation and skin hazard. Green Solutions Floor Finish Remover does not contain butoxyethanol; an important feature for those who prefer a non-butyl, stripper.

**HIGH PERFORMANCE. EASY RINSE:**

GREEN SOLUTIONS FLOOR FINISH REMOVER is rated as a high performance floor finish remover due to the speed of the emulsification process. It quickly releases floor finishes, wax, and acrylic sealers.

Green Solutions Floor Finish Remover works fast and efficiently. Heavy build-ups of finish and wax are removed with little effort. Green Solutions Floor Finish Remover rinses easily.

**CONCENTRATE FORMULATED = HIGH DILUTION = MAXIMUM ECONOMY:**

GREEN SOLUTIONS FLOOR FINISH REMOVER is concentrated and economical to use. Dilute GREEN SOLUTIONS FLOOR FINISH REMOVER up to 1:20 (6 oz./gal. of water) and remove even tough finish build-ups.

**PRELIMINARY PRECAUTIONS:**

1. Keep out of reach of children and pets
2. Always dilute GREEN SOLUTIONS FLOOR FINISH REMOVER before using.
3. Always wear personal protection, RUBBER GLOVES AND GOGGLES.
4. Avoid contact with painted surfaces. Do not use on wood floors. Caution should be exercised when stripping rubber, asphalt or linoleum tile since bleeding, bleaching or softening may occur.
5. Wipe up spills and splashes from baseboards and painted surfaces immediately with damp cloth.
6. Always use in well-ventilated areas.

**DIRECTIONS FOR USE:**

Some individuals may be sensitive to ingredients in this product. Before using, read product label and MSD sheet. Wet floors may be slippery. Prevent pedestrian traffic with signs or barricades.

1. Mask off and protect baseboards or adjacent areas not to be treated.
2. Depending on build-up, dilute Green Solutions Floor Finish Remover from 1:3 to 1:20 (6 oz. to 43 oz./gal. of water) with water. Automatic scrubbers: dilute up to 1:10 (12 oz./gal. of water).
3. Liberally apply Green Solutions Floor Finish Remover with mop to small section (100 sq. ft.) of floor. Be sure to completely cover floor to baseboards.
4. After 3 to 5 minutes, agitate the wet section with a mop or machine scrub. Pick up solution using a mop, wet vac or automatic scrubber.
5. Rinse thoroughly with clear water to remove residue or squeegee tracks as necessary.

NOTE: Cold water is recommended for dilution.

**FACILITIES THAT WOULD BENEFIT:**

Due to its low, nearly non-existent odor and that Green Solutions Floor Finish Remover formula does not contain Butoxyethanol, it is a natural fit for the following venues:

- Hospitals
- Nursing Homes
- Physicians' Offices
- Dentists' Offices
- Emergency Care Centers
- Veterinary Clinics and Offices
- Schools
- Day Care Centers
- Hotels and Motels
- Restaurants
- Fast Food Chains
- Cafeterias
- Delis
- Supermarkets
- Casinos
- Movie Theaters
- Airports
- Bus Terminals
- Train Terminals
- Military Ships
- Cruise Ships
- Department Stores
- Discount Stores
- Convenience Stores

**SPECIFICATION DATA:**

Total Active Ingredients – 41.4%

Specific Gravity -- 1.009

Density – 8.40 lbs./gal.

pH Concentrate – 10.5 – 11.5

Flash Point (Cleveland Open Cup) – None

Stability --

- a. Shelf @ 25°C/75°F – in excess of one year
- b. Accelerated @ 49°C/120°F – in excess of 90 days
- c. Freeze/Thaw Cycle – can withstand 3 cycles

Biodegradable

Phosphate free

Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting [www.spartanchemical.com](http://www.spartanchemical.com).