



## Technical Data Sheet

### PRODUCT NAME

Masonry Cleaner™

PCC's

None

### PRODUCT DESCRIPTION

Silicon Derivatives **Masonry Cleaner™** is a water-based solution. It has been developed to remove heavy deposits of efflorescence, grout and mortar smears and excess calcium deposits from masonry surfaces. **Masonry Cleaner™** has been formulated to remove those deposits that may have had an extensive cure time and resistant to removal by a less dilute solution.

**Masonry Cleaner™** has been formulated to comply with US EPA AAIM VOC regulations **Silicon Derivatives' Masonry Cleaner™ does not contain any PCCs**

### CHEMISTRY/ACTIVE INGREDIENTS

**Masonry Cleaner™** is a blend of mineral acids and organic acids combined with a proprietary blend of surfactants and sequestering agents.

### APPLICATION

Silicon Derivatives **Masonry Cleaner™** is employed to remove efflorescence from brick and masonry surfaces, dissolve excess grout from porous cement pavers and tiles, and to prepare cement surfaces for application of penetrating sealers. It is also employed to remove construction contaminants such as calcium and lime deposits, rust and iron stains and clay deposits. It is safe for colored mortars and bricks.

### PHYSICAL PROPERTIES

Color	Clear
pH	1.0
Density	1.0
Flash Point	N/A
Freeze Point	28°F
VOC	None

### PRODUCT SAFETY AND HANDLING

**Masonry Cleaner™** is a strong acid solution that must be applied with caution. Wear protective clothing and eye protection when using this product

See MSDS Sheet

### BENEFITS

Silicon Derivatives **Masonry Cleaner™'** benefits include:

- No Oder
- Non-streaking
- Economical
- Biodegradable

### LIMITATIONS

Silicon Derivatives **Masonry Cleaner™** is not suitable for cleaning atmospheric pollutants (carbon stains, mold and mildew). It is also not suitable for removal of oil, grease or previously applied siloxanes.

### TEST AREAS

Silicon Derivatives provides application information and coverage guidelines only on an empirical basis. Always test the substrate on a specific but inconspicuous area to be certain of appropriate coverage. Allow the test area to dry a minimum of 72 hours before inspection.

### COVERAGE

Because **Mineralwash** may be employed on a number of surfaces and diluted to various concentrations in the field there, Silicon Derivatives cannot provide guidelines on usage or coverage. However, as the following will provide a rough estimate of expected usage

# Technical Data Sheet

## Masonry Cleaner™



employing an undiluted solution.

Porous or textured surfaces      250 – 500 ft<sup>2</sup>/gal  
Dense or smooth surfaces        500 – 1000 ft<sup>2</sup>/gal

### DILUTION

**Masonry Cleaner™** may be diluted as much as three parts of water to one part of **Masonry Cleaner™**. For smooth or glazed surfaces this dilution ratio may be increased to seven parts of water to one part **Masonry Cleaner™**.

When diluting **Masonry Cleaner™**, always **ADD THE CONCENTRATE TO WATER SLOWLY – NEVER ADD WATER TO THE CONCENTRATE**. Mix in a clean polypropylene bucket. Do not use hot water.

### APPLICATION RECOMMENDATIONS

Protect all non-masonry surfaces such as metal, glass, painted surfaces, and vegetation from product splash and wind drift. Use the Silicon Derivatives **Masonry Cleaner™** within 7 – 28 days after installation for best results. Grout smears older than 30 days are more difficult to remove.

Silicon Derivatives **Masonry Cleaner™** should not be applied when surface and air temperatures are less than 40°F (4°C). If the surface has been exposed to freezing temperatures allow masonry to thaw before application.

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

When cleaning large areas, pre-wet the area with water before application. Apply Silicon Derivatives **Masonry Cleaner™** liberally and

allow it to remain on the surface for 5 – 15 minutes. Lightly mist the surface during this period to avoid allowing the surface to dry. Scrape off tough mortar build-up without damaging substrate. Following removal of heavy build-up, pressure wash thoroughly.

Flood areas adjacent to surface to be cleaned to avoid streaking or chemical residue.

### SITE DISPOSAL

Disposal of **Masonry Cleaner™** collected residues and clean up material may be governmentally regulated. Observe all applicable local, state and federal waste management regulations pursuant to the use of mop or soak up with absorbent material and hold for disposal.

### AVAILABILITY

Silicon Derivatives **Masonry Cleaner™** is available in 1 quart, 1 gallon and 5 gallon pails. Contact Silicon Derivatives for your local distributor.

### TECHNICAL SERVICES

Silicon Derivatives service engineers and chemists are available to answer questions concerning product performance, application methods and chemical composition.

### LIMITED WARRANTY

Silicon Derivatives warrants this product to be free from defects. Silicon Derivatives shall not be held responsible in any manner for any personal injury or property damage or related loss resulting from, or related to, the handling, storage, or use of this material. Since Silicon Derivatives has no control over the use or application of this product, Silicon Derivatives assumes no liability for loss or damage incurred from the improper use of such product.

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Silicon Derivatives' knowledge or obtained from sources believed by Silicon Derivatives, to be reliable. Silicon Derivatives does not assume any legal responsibility for use of the information contained herein or reliance upon same. Tests should be carried out only by chemists or chemically qualified lab technicians. Before using any chemical, read its label and Material Safety Data Sheet.

# Technical Data Sheet

## Masonry Cleaner™



---

### CONTACT INFORMATION

Silicon Derivatives  
1410 Suite B1 Market Street  
Tallahassee, FL 32312

Telephone      904 392 8000  
FAX              850 385 8696  
[www.siliconderivatives.com](http://www.siliconderivatives.com)

---

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Silicon Derivatives' knowledge or obtained from sources believed by Silicon Derivatives, to be reliable. Silicon Derivatives does not assume any legal responsibility for use of the information contained herein or reliance upon same. Tests should be carried out only by chemists or chemically qualified lab technicians. Before using any chemical, read its label and Material Safety Data Sheet.