



## Technical Data Sheet

### PRODUCT NAME

Mineralwash

Mineralwash is an acidic solution and protective clothing and eye protection should be employed when applying.

### PRODUCT DESCRIPTION

Silicon Derivatives **Mineralwash** is a concentrated acid solution used for the removal of rust and organic matter stains and magnesium and calcium deposits from masonry, plastic or fiberglass gel-coat surfaces. It may also be employed to remove light deposits of grout, mortar and efflorescence generated within 28 days of construction.

See MSDS Sheet for further information.

### BENEFITS

Silicon Derivatives **Mineralwash** is a low cost, biodegradable solution that will remove most rust stains, mineral deposits and embedded dust from porous masonry surfaces.

**Mineralwash** has been formulated to comply with US EPA AAIM VOC regulations. **This product does not contain any PCCs.**

### LIMITATIONS

Silicon Derivatives **Mineralwash** is not suitable for cleaning atmospheric pollutants (carbon deposits and mold and mildew). Do not use **Mineralwash** on surfaces that might be damaged or etched by acids.

### CHEMISTRY/ACTIVE INGREDIENTS

**MINERALWASH** is a Silicon Derivatives proprietary blend of surfactants, builders, sequestering agents and inorganic and organic acids, packaged as a concentrated solution.

### 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.

### APPLICATION

Silicon Derivatives **Mineralwash** is a hard surface cleaner that may be employed on surfaces such as aluminum, steel, masonry, plastics in either a concentrated or diluted form. It is a low foaming, biodegradable detergent.

### 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.

### PHYSICAL PROPERTIES

Color	Light Blue
pH	3 – 5
Density	1.0
Flash Point	N/A
Freeze Point	32°F
VOC	None
PCC's	None

### DILUTION

**Mineralwash** may be employed in concentrated form as a spot remover or soaking solution to remove a heavy build up of calcium, lime and mineral deposits. It can be diluted at a ratio of one part to four parts water for general industrial applications. It can be diluted one part to seven parts water for light cleaning applications.

### PRODUCT SAFETY AND HANDLING

# Technical Data Sheet

## Mineralwash



### APPLICATION RECOMMENDATIONS

Silicon Derivatives **Mineralwash** 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.

If cleaning large areas, pre-wet the area with water before application. Apply Silicon Derivatives **Mineralwash** 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. Following removal of heavy build-up, pressure-wash the surface thoroughly.

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

### SITE DISPOSAL

Disposal of **Mineralwash** 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 **Mineralwash** 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 WARANTEE

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.

### 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.