



**Maintenance Solutions**

# Fast Break

## Quarry & Hard Tile Cleaner

### For Use On:

Quarry Tile  
Porcelain  
Terrazzo

Concrete  
Meatrooms  
Delis

Cafeterias  
Kitchens



### DESCRIPTION

This product is a special blend of mild organic acids coupled with powerful penetrants designed to remove slippery grease and soapy build-up from quarry tile and concrete floors. It deep cleans by penetrating and re-opening the pores of the floor. When used properly, this product can help prevent slipping while promoting cleanliness in kitchens, meatrooms, delis, cafeterias, and anywhere else greasy soiled floors may be a problem. Can be used on quarry tile, concrete, glazed tile, resilient tile and vinyl floors. It will penetrate, clean and brighten tile grouting. **DO NOT** let product stand on polished marble, wood, aluminum, nylon carpet or painted surfaces. If uncertain, test in a small inconspicuous area before using.

### DIRECTIONS

Remove food and equipment from area before using.

**DAILY CLEANING:** Dilute product 4 ozs. Per gallon of hot or cold water. Pour solution directly onto floor and spread over entire floor with mop or deck brush (alternatively, solution may be applied with a foaming applicator). Allow to stand for 5 minutes and agitate with brush. Remove solution with squeegee or wet-vac, rinse well, and dry floor with squeegee or wet-vac.

**HEAVILY SOILED GREASY FLOORS:** Wet floor with water or 4 ozs. per gallon solution. Apply product full strength directly to floor and follow above directions.

### PRODUCT SPECIFICATIONS

<b>Active Ingredients:</b>	17.0 ± 0.5%	<b>Sequestration:</b>	Excellent
<b>Color:</b>	Clear	<b>Detergency:</b>	Excellent
<b>Odor:</b>	None	<b>Rinsability:</b>	Excellent
<b>Base:</b>	Sequestering acids	<b>Fumes:</b>	None
<b>pH:</b>	1.0 - 1.5	<b>Flash Point:</b>	None (waterbased)
<b>Viscosity:</b>	Moderately viscous	<b>Biodegradability:</b>	Complete
<b>Foam:</b>	High	<b>Storage/Stability:</b>	2 years
<b>Abrasives:</b>	None	<b>Weight per Gallon:</b>	8.75 lbs./gal.
<b>Solubility:</b>	Complete with water	<b>Freeze / Thaw Stability:</b>	Keep from freezing

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufacturer's Name:</b> Misco Products Corporation	<b>Product Name:</b> Fast Break
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605	<b>Generic Name:</b> Quarry & Hard Tile Cleaner
<b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Chemical Family:</b> Acid Detergent Blend
	<b>Formula:</b> Proprietary

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Phosphoric Acid	7664-38-2	0 to 5	1mg/M <sup>3</sup>	1mg/M <sup>3</sup>	3mg/M <sup>3</sup>
Citric Acid	77-92-9	5 to 10			
NonIonic Surfactant	9016-45-9	0 to 5			
Anionic Surfactant	27176-87-0	5 to 10			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 210 F.	<b>Specific Gravity:</b> 1.078
<b>Vapor Pressure:</b> <20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 80+	<b>pH:</b> 1.0-1.5
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Clear liquid with pleasant odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> N/A
<b>Upper Explosion Limit:</b> N/A
<b>Lower Explosion Limit:</b> N/A
<b>Extinguishing Media:</b> N/A
<b>Special Firefighting Procedures:</b> Non Flammable
<b>Unusual Fire and Explosion Hazards:</b> N/A

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Phosphoric oxide vapors in a fire.	<b>Incompatibility (Materials to Avoid):</b> Strong alkalis, Oxidizing agents, Chlorine Bleach.

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Severe skin irritant. Prolonged or repeated contact can cause chemical burns or dermatitis.  
**Eyes:** Severe eye irritant. Liquid and mists may burn or injure eyes, causing corneal damage.  
**Inhalation:** May be irritating to mucous membranes of the nose, throat, and lungs.  
**Ingestion:** Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.  
**First Aid Procedures:**  
**Skin:** Flush exposed area with large quantities of water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use in well-ventilated area.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Acid proof rubber or neoprene.  
**Eye Protection:** Safety glasses or chemical face shield.  
**Other Protective Equipment:** Eyewash station, chemical resistant apron and protective footwear e.g., rubber boots should be worn.

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

## SARA Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard  
No - Sudden Release of Pressure Hazard  
No - Reactivity Hazard  
Yes - Immediate (acute) Health Hazard  
No - Delayed (chronic) Health Hazard

## Shipping Information:

FOR CONTAINERS < 1Gallon: ORM-D  
FOR 1 GALLON CONTAINERS : Compound, Cleaning Liquid (Phosphoric Acid Solution), 8, NA-1760, PGIII (Limited Qty.)  
FOR CONTAINERS > 1 GALLON : Compound, Cleaning Liquid (Phosphoric Acid Solution), 8, NA-1760, PGIII

## HMIS Hazardous Materials Identification System

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
7664-38-2	Phosphoric Acid	0 to 5
27176-87-0	Dodecylbenzene Sulfonic Acid	5 to 10

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product