

# 217

## Pressure Wash

TECHNICAL  
**CHESTERTON®**  
PRODUCTS

### Description

Chesterton® 217 Pressure Wash represents the newest cleaning technology for high pressure spray washers. The product is specifically designed for high pressure cabinet spray washers where volumes as high as 757 liters per minute and pressures up to 28,1 kg/cm<sup>2</sup> are possible. Even under these conditions the product is virtually non-foaming. Post coating is not a problem as this is accomplished without the use of silicone defoamers.

Chesterton 217 Pressure Wash is safe to both plant personnel and the environment. It is biodegradable and has a moderate pH. The product contains no harsh alkalis, phosphates, or toxic solvents which have detrimental effects on worker's health and the environment. Pressure Wash does not contain EDTA which can sometimes interfere with chemicals used in waste treatment systems.

Because Chesterton 217 Pressure Wash is formulated as a liquid concentrate, the problem of dusting with powdered cleaners and the need for dust masks are eliminated. Chesterton 217 Pressure Wash is highly dilutable and provides more value for its cost relative to other high pressure type cleaners.

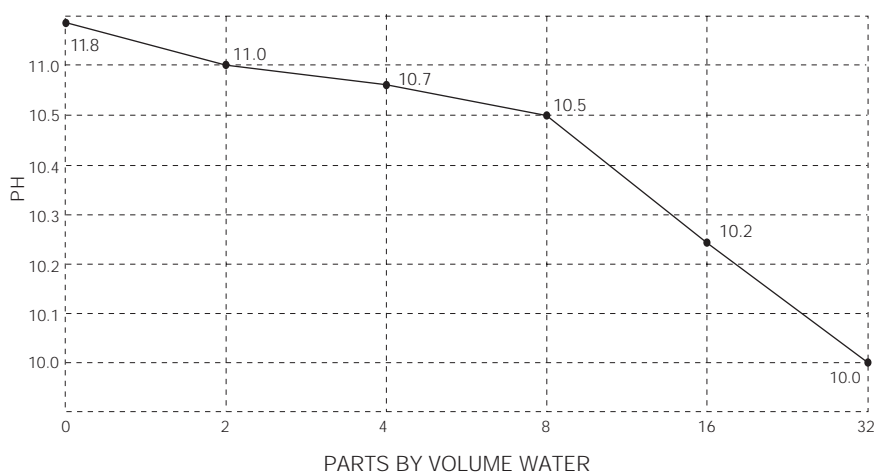
### Composition

Chesterton 217 Pressure Wash utilizes optimized surfactant technology to achieve the correct balance of superior wetting ability and low foam creation. Surfactants by their design modify the surface tension of liquids to which they are added. It is important to lower the surface tension of a degreaser so that the product will creep under the soils, lift and emulsify them. Lowering the surface tension however also raises the interfacial tension between air and the degreaser which results in the formation of foam. Combining surfactants with varying characteristics has enabled Chesterton to achieve the optimum balance between surface tension reduction and minimum foam creation.

### Typical Physical Properties

Form	Liquid
Odor	Mild
pH	11,8
Density	1,02 kg/l
Specific Gravity	1.02
Freeze/Thaw	Passes 6 Cycles
Color	Blue
Solubility in Water	Infinite

### pH Dilution Curve



Chesterton 217 Pressure Wash contains no caustics or harsh alkalis. The moderate pH of 11.8 means that users will not be subject to the stinging and burns associated with products containing such materials. No irritating fumes are generated which require the wearing of respirators by plant personnel.

Chesterton 217 Pressure Wash is safe to use on steel, stainless steel, aluminum\*, copper, brass, bronze and most other types of metal. Pressure wash can also be used safely on most plastics although if heat is used a compatibility check should be done prior to use.

\*Check for compatibility for long term immersion.

### Applications

Use in any high pressure spray equipment and other cleaning operations where foam is undesirable.

### Features

- Extremely low foaming
- Excellent rinsability
- Ideal for spray booth washers
- Contains no silicone defoamers
- No phosphates
- No toxic solvents
- Biodegradable
- Moderate pH
- USDA authorized
- Convenient liquid form
- Completely soluble in water
- Contains no caustics
- Rapid oil rejection

### *Directions*

Dilute with water to the desired concentration.

### *Safety*

Before using this product, review the Material Safety Data Sheet (MSDS) or the appropriate safety sheet for your area.



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