

# Safe Block

## Metal Safe Machine Warewashing Detergent



Distributed by:  
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### GENERAL DESCRIPTION

SAFE BLOCK is an encapsulated machine warewashing compound that is soft metal safe and designed to handle moderate soil loads in soft to medium-hard water at normal warewashing concentrations. SAFE BLOCK is packed with strong cleaning and destaining agents as well as glaze and metal protectants necessary to assure a safe and effective wash. SAFE BLOCK will deliver sparkling ware with one pass through the dishmachine. SAFE BLOCK's solutions are safe to use on china, plastics, glassware, aluminum, pewter, and silver. They will not attack machine parts thereby reducing part replacement and chance of breakdown. In addition, SAFE BLOCK conditions hard water and helps to prevent the formation of scale on machines.

### PHYSICAL PROPERTIES:

Chemical Composition: Destaining agents, alkaline builders, surfactants, glaze and metal protectants, anti-caking and water softening agents.

Appearance..... Orange Solid  
Metal Safety..... Recommended for use on aluminum and other soft metal ware at normal use concentrations  
Foaming ..... Low  
Rinsing..... Excellent  
Water Hardness Tolerance  
..... 10 grains/gal. at 0.3%  
..... 7 grains/gal. at 0.2%  
..... 3 grains/gal. at 0.1%

### PACKAGING

4/8 lb. capsules/case - 32 lbs. net / 34 lbs. gross

### RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Test Kit. Use range is 0.15% to 0.3%, or 6 to 12 drops (each drop = .025%) using a 10 ml sample and 3 drops of Brom Phenol Blue Indicator Solution. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H2O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 1 drop, total drop titration equals 11 drops. (11 - 1 = 10 x .025% = 0.25%)

### WARNING

**KEEP OUT OF REACH OF CHILDREN.  
CONTACT WITH SKIN AND EYES MAY CAUSE SEVERE IRRITATION. HARMFUL IF SWALLOWED.**

### FIRST AID:

EYES: Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately.  
INGESTION: If swallowed, drink large amounts of milk, milk of magnesia or gelatin, or if these are unavailable, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.