

# SURGE AF

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**GENERAL DESCRIPTION:** SURGE AF is a concentrated laundry detergent containing a specific blend of soil emulsifying agents. SURGE AF is formulated with advanced optical brighteners which provide superior results on all washable fabrics and is safe for synthetic and natural fibers. SURGE AF removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. SURGE AF rinses quickly and completely, does not contain harsh alkalis, and is effective in all water hardness conditions and temperatures. SURGE AF is biodegradable and is formulated without dyes or fragrances.

**DIRECTIONS FOR USE:**

SURGE AF Liquid Laundry Detergent is specially formulated to be used with automated injector systems. SURGE AF can be dispensed directly from the shipping container, thereby eliminating hand feeding from powder hoppers and possible spillage. For normal soils, use 8 to 12 ounces per hundred pounds of work. SURGE AF is completely soluble in all normal water temperatures. For optimum soil release, use in hot (140°F to 160°F) water for removing normal soils. Effective soil removal, at the concentrations and temperatures given, may be obtained during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary.

**HANDLING PRECAUTIONS:**

**CAUTION: WARNING  
KEEP OUT OF REACH OF CHILDREN.**

Alkaline liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

**PHYSICAL PROPERTIES:**

Chemical Composition . . . . . Soil suspending & rinsing agents; mineral sequestering agents for hard water conditioning; neutrally charged surfactants for effective hard water washing.  
Appearance . . . . . Clear liquid  
pH . . . . . 12.6  
pH of 1% solution . . . . . 10.1  
Specific gravity . . . . . 1.03 (8.6 lbs/gal)  
Penetration . . . . . Immediate  
Stability . . . . . 1 Year @ Ambient Temperature  
Wetting Ability . . . . . Excellent  
Biodegradable . . . . . Yes  
Foam . . . . . Moderate  
Rinsing . . . . . Complete  
Odor . . . . . Pleasant

**PACKAGING:**

5 gal plastic pail - 43 lbs. net / 46 lbs. gross  
15 gal plastic drum - 129 lbs. net / 135 lbs. gross

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.