

PRODUCT INFORMATION

G-1000

LAUNDRY COMPOUND

GENERAL: G-1000 is a powder laundry detergent suitable for use in hard water or soft water and in both domestic and commercial machines. This product works well over a wide temperature range. G-1000 is suitable for low temperature water but for best results, use at a temperature of 55°C (130°F). This formulation is based on surface-active agents, Sodium Silicate, other alkaline builders, anti-redeposition agents, whitening agents, sequestrants, anticaking agents, antistatic agents and deodorizers.

DIRECTIONS: For excellent results, use the proper concentration of G-1000 in the wash water.

- **TOP-LOADING AUTOMATICS:** Start with 1-1/4 to 3/4 cups (250 gms to 150 gms) of G-1000 for normal capacity machine. In larger machines, start with 1-1/2 to 1 cup (300 gms to 200 gms).
- **FRONT-LOADING AUTOMATICS:** Start with 1/2 to 1/4 cup (100gms to 50 gms) of G-1000 for normal capacity machines. In larger machines start with 1 to 1/2 of a cup (200 gms to 100 gms).

The amount of G-1000 to use will vary with washing conditions. For example, in cooler or hard or with heavily soiled or large loads, you will probably want to use more. In softer water or with lightly soiled or smaller loads, you can probably use less. Remember, always measure the amount of G-1000 you need per load.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: White or light blue powder

PH (1% AQUEOUS SOLUTION): 10.7± 0.5

SURFACE-ACTIVE AGENTS, % BY MASS: 18.5 ± 0.5 %

CARBONATES (as Na₂CO₃), % BY MASS: 52±1%

SODIUM SILICATES (as SiO₂), BY MASS: 6.80± 0.5%

TOTAL ALKALINITY (as Na₂O) BY MASS: 37.0 ± 1.0%

WATER-INSOLUBLE, % BY MASS: 0.2± 0.1%