

# SPARTAN CONCENTRATED WINDOW CLEANER

**PRODUCT DESCRIPTION:**

Spartan Concentrated Window Cleaner is a high dilution glass and hard surface cleaner. Blue in color, this natural acid formula is enhanced with distilled vinegar for added cleaning performance.

Spartan Concentrated Window Cleaner is formulated to provide three important user benefits to customers:

**USER FRIENDLY:**

Concentrated Window Cleaner provides excellent cleaning performance without the use of butyl or ammonia. A time and labor saver, no rinsing is required. In addition, Concentrated Window Cleaner dries without streaks and does not leave a film. Users will appreciate the diluted product's pleasant floral fragrance.

**ECONOMICAL:**

Concentrated Window Cleaner is recommended for use at a 1:20 dilution (6 oz. per gallon of water). A convenient quart package makes employee training easy and eliminates confusion ... simply add one quart to a 5-gallon bucket and fill with water.

Market studies indicate, when used with SAM, Spartan Accurate Measure Three Product Dispensing System, Spartan Concentrated Window Cleaner is one of the most cost-saving products available.

<u>Product</u>	<u>Dilution</u>	<u>Resale</u>	<u>In-Use Cost/Gal.</u>
Private Label Product A	1:10	11.00	
Private Label Product B	1:19	20.10	1.00
Brand Manufacturer Product C	1:20 (4½-	25.05	1.00
Brand Manufacturer Product D	gal/cs)	8.70	1.19
Brand Manufacturer Product E	1:10	40.56	.79
Spartan Concentrated Window Cleaner	1:20	10.10	1.93
	1:20		.48

**EXCELLENT CLEANING PERFORMANCE:**

The Concentrated Window Cleaner formula is boosted with distilled vinegar, an organic acid. Fingerprints, smoke film, hard water spots and other soils are quickly and easily removed from glass and other hard, non-porous surfaces not affected by acid. Isopropanol is added to assist drying time. Concentrated Window Cleaner does not require rinsing, dries without streaks and leaves no film.

**DIRECTIONS FOR USE:**

1. **Do not use full strength.**
2. Dilute Concentrated Window Cleaner 1:20 (6 oz./gal. of water).
3. Use a Spartan trigger or pump-up sprayer for dispensing.
4. Hold bottle 8 to 10 inches away. Spray in an even pattern directly onto surface.
5. Wipe dry with a clean, lintless cloth or paper towel. Turn cloth or towel frequently so clean side is always in use.

**With Spartan Accurate Measure Dispensing System (Sam):**

Highly dilutable, Concentrated Window Cleaner is recommended for use with Spartan's Accurate Measure Dispensing System (SAM).

<u>Oz./Gal.</u> 6	<u>Dilution Ratio</u> 1:20	<u>Tip Color</u> <u>3½ gpm</u> Red	<u>Tip Color</u> <u>1 gpm</u> Turquoise
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**Large Areas:**

1. Pour one quart of Concentrated Window Cleaner into 5-gallon bucket or "buddy" type container and fill with water.
2. Apply Concentrated Window Cleaner with a window brush or other glass cleaner applicator. Squeegee dry.

**NOTE: Do not use on wood furniture or other polished surfaces. Do not use on non-acid resistant surfaces. Do not mix with bleach, ammonia or any other chemicals.**

**SPECIFICATION DATA:**

Total Active Ingredients - 25%  
 Specific Gravity - 0.97 @ 24°C/75°F  
 Density - 8.07 lbs./gal. @ 24°C/75°F  
 Viscosity - Water thin @ 24°C/75°F  
 pH (Concentrate) - 2.7-3.0  
 Flash Point (Cleveland Open Cup) - 102°F  
 Color - Blue                      Solvents - Isopropanol  
 Stability: a. Shelf @ 24°C/75°F - One year minimum  
             b. Accelerated @ 49°C/120°F -- 60 days minimum  
             c. Freeze/Thaw Cycle -- can withstand 3 cycles.

Phosphate free  
 Biodegradable  
 USDA authorized

**PACKAGING:**

Spartan Concentrated Window Cleaner is available in recyclable HDPE (high density polyethylene) 55, 30 and 15-gallon drums; 5-gallon pails; gallons, four per case and in quarts, 12 per case. Label copy is provided in English and Spanish. Secondary labels are also available.

**GUARANTEE:**

Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture.

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