



# Product Application & Results

1997 American Blvd. • P.O. Box 5606 • De Pere, WI 54115-5606 • 800-225-2231 • Fax: 920-337-9410

**PRODUCT:** Ultraflex® Tire & Wheel Cleaner 500 Stock# UF500

**Description:** Ultra concentrated high foaming liquid tire and wheel cleaner for self-serve car washes. Contains a highly effective surfactant and solvent system for maximum cleaning and economics.

**Color:** Green

**Scent:** Mild Detergent

**Foaming Ability:** High

<u>Features</u>	=	<u>Benefits</u>
Good Foamer	=	Customer appeal.
Bright Green Color	=	More customer appeal.
Ultra Concentrated	=	Convenience & Value
Titratable	=	Quickly determine dilution ratio

<u>Application</u>	<u>Dilution Ratios</u>			
	<u>Self-Serve Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Foam or Spray in Tire/Wheel Cleaner Applications		1:40	1:100	1:75

Ultra Tire & Wheel can be drawn direct by using single tip configuration. See charts on page 2 for starting point. This product can be drawn through normal vinyl tubing.

Required strength of product dilution will vary depending on cleaning conditions and type and condition of equipment used.

## Guidelines for Application

**Water Quality:** Use SOFT WATER for best performance! In hard water (over 0 grains) increase strength by 10% for each grain of water hardness.

**Solution Temperatures:** Most self-serves will use cold water, but cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather. **Caution:** Extremely hot wheels can be damaged by ANY cleaning product. In summer encourage customers to cool wheels before cleaning.

**Dwell time:** Allow a minimum of 30 seconds prior to following with either a high-pressure wash or high-pressure rinse.

**Special Instructions:** If the equipment demands that one product be used for both low pressure presoak and for tire cleaning, use Spectrum® Low Pressure Presoak at a dilution from 1:40 to 1:60 for these applications.



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## Dilution Charts for Spectrum® Ultra Tire & Wheel Cleaner

**Hydrominder Tips:** The following charts show actual dilution ratios for Hydrominder tips drawing this product at its normal viscosity.

Standard Tip Chart For Ultra Low Pressure Presoak - Tip In Eductor										
Beige	Red	White	Blue	Tan	Green	Orange	Brown	Yellow	Purple	Pink
1:25	1:35	1:45	1:48	1:52	1:60	1:75	1:80	1:100	1:140	1:400

**Titration Chart:** Use the chart below with “Standard Alkaline Titrant” to determine dilution ratio. Determine the water-blank to be subtracted from the titration prior to comparing to the following chart.

<b>Titration Chart For Spectrum® Ultra Tire and Wheel</b>  This chart uses "Alkaline Titrant" and a water blank must be titrated to subtract from your drops before comparing to this chart.	Dilution	Drops
	1:40	54
	1:50	43
	1:60	36
	1:70	31
	1:80	27
	1:90	24
	1:100	22

**Viscosity / Temperature Relationship:** Temperature changes have little effect on the viscosity of this product. Tip adjustments due to temperature changes should not be necessary.