



# Product Application & Results

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

## PRODUCT: Ultraflex® High Pressure Detergent 240 Stock # UF240

**Description:** Ultra concentrated high foaming liquid detergent designed for high-pressure application in self-serve car washes. Product provides a fresh cherry scent and good visible foaming to provide reassurance to customers.

**Color:** Turquoise

**Scent:** Cherry

**Foaming Ability:** High

<b>Features</b>	=	<b>Benefits</b>
Ultra Concentrated	=	Convenience and Value
Fresh Cherry Scent	=	Customer appeal.
High Foaming	=	Customer Satisfaction
Titratable	=	Quickly determine dilution ratio.
Surfactant based chemistry	=	Safety and good cleaning effectiveness.

	<b><u>Application</u></b>		<b><u>Dilution Ratios</u></b>	
	<b><u>Self-Serve Systems</u></b>	<b><u>Strongest</u></b>	<b><u>Weakest</u></b>	<b><u>Average</u></b>
	High Pressure Spray in the bay	1:750	1:2500	1:1200
	Dilution in Hydrominder Tank	1:75	1: 250	1:120

The secondary dilution ratio (from the Hydrominder to the bay) in high-pressure application can vary dramatically from each equipment manufacturer. Most systems will range between 1:6 and 1:15, however variances can even be seen from bay to bay. As a result your tip application used may vary dramatically from the above recommendations.

Surfactants in this product are biodegradable so it is best not to pre-dilute more than necessary and it is recommended to keep the float valve low in the tank, especially in hot climates.

### **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 (1:60 + 10% = 1:54).
- Solution Temperatures:** Most self-serves will use cold water, but cleaning will improve if applied with warm (100-120oF) water. Warm water is especially recommended in colder weather.
- Dwell time:** No dwell time is required prior to any subsequent applications.

This product can be drawn through normal vinyl tubing.



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## Guidelines for Application - Continued

Recommended Hydrominder Tips	
Tip Color	Dilution Ratio
Green	1:88
Orange	1:98
Brown	1:145

**Viscosity / Temperature Relationship:** The viscosity of this product is greatly affected by temperature changes which may require larger tips in colder weather.

Temperature °F	Viscosity cps.
40	360
45	305
50	280
55	250
60	215
70	195
80	170
90	85
100	70
110	55