



Product Application & Results

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PRODUCT: Ultraflex[®] Body Shampoo 270 **Stock #** UF270
High Lubricity

Description: Ultra concentrated high foaming liquid detergent produces thick, rich lather with excellent lubricity and cleaning ability. In car wash systems foam, cloth and brushes glide easily over a vehicle's surface. Contains a highly effective surfactants and polymer for maximum cleaning and economics. Product specialty formulated for new-technology foam materials.

Color: Light Orange **Scent:** Mild
Foaming Ability: Very High

<u>Features</u>	=	<u>Benefits</u>
Ultra Concentrated	=	Convenience and Value.
High Foaming	=	Customer appeal.
Titrateable	=	Quickly determine dilution ratio.
Good lubricity	=	Reduces cloth friction and foam squeaking.

Application

	<u>Dilution</u>	<u>Ounces per 1 gallon of solution</u>
Central Soaper Systems	1:2000 to 1:1250	0.1 and less
Foam Generator	1:1250 to 1:650	0.1 to 0.2
Wash Wand	1:650 to 1:450	0.2 to 0.3

Ultraflex[®] Body Shampoo 270 can be drawn direct by using single tip configuration. Required average strength of product dilution should be thoroughly maintained and will guaranty the best result with different type and condition of equipment used.

Clean tank, lines, nozzles, etc. of previous product for the best results. More air to the foamers provides fluffier foam; less air provides wetter foam.

Guidelines for Application

Water Quality: Use SOFT WATER for best performance! In hard water (over 5 grains) increase strength by 10% for each grain of water hardness.

Solution Temperatures: Cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather.

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

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Special Instructions

Titration Chart: Use the chart below with “Anionic Foamer Titration Kit” T-400-A to determine dilution ratio.

Titration Chart For Ultraflex[®] Body Shampoo 270	Dilution	Drops
	Titrant #2	
This chart uses "Anionic Foamer Titration Kit" and Titrant #2. Sample size = 1 tube	1:400	26
	1:500	21
	1:650	17
	1:800	14
	1:1000	12
	1:1250	10
	1:1350	9
	1:2000	7

Normal clear PVC vinyl draw tubing (P20010002-100) should be used from the reservoir to the point of dilution.

Viscosity – temperature relation

Viscosity of this product changes with temperature as shown in the chart below (water viscosity at 72°F = 1 centipoises, cp). Significant change in product temperature requires ADJUSTMENT of metering tips or pump setting to keep similar flow of product through metering devices.

Temperature, °F	Viscosity, cp
40	1446
50	974
60	680
70	490
80	363
90	276
100	214
110	169