



Product Application & Results

1997 American Blvd. • P.O. Box 5606 • De Pere, WI 54115-5606 • 920-337-2175 • Fax: 920-337-9410

Product: Foamy Presoak 235 Stock # UF235

Description: Ultra concentrated high foaming liquid detergent designed for broad range of application in friction and self-serves car washes. Formulated with a bold & fresh scent and hard water tolerant chemistry. Product produces good visible colored foaming to provide reassurance to customers.

Color: Dark blue

Scent: Bold & Fresh

Foaming Ability: High

Features

Ultra Concentrated
Bold & Fresh Scent
High Foaming
Titratable
Surfactant based chemistry

= Benefits

= Convenience and Value
= Customer appeal.
= Customer Satisfaction
= Quickly determine dilution ratio.
= Safety and good cleaning effectiveness in hard water.

Application

	<u>Dilution</u>	<u>ml per 1 gallon</u>	<u>of solution</u>
Central Soaper Systems	1:1200 to 1:750	5.0 or less	
Foam Generator	1:800 to 1:600	4.7 to 6.3	
Wash Wand	1:500 to 1:300	7.6 to 12.6	

Self-Serve Systems

Foam or Spray – Low pressure presoak

Strongest

1:150

Dilution Ratios

Weakest

1:300

Average

1:200

Foamy Presoak 235 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.

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 very hard water (over 10 grains) increase strength by 5% for each grain of water hardness (1:500 + 5% = 1:475).

Solution Temperatures: Most self-serves will use cold water, but cleaning will improve if applied with warm (100-120°F) water. Warm water is especially recommended in colder weather.

Dwell time: No dwell time is required prior to any subsequent applications.



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This product can be drawn through normal vinyl tubing, although some changes in tubing should be expected over time due to extraction of plasticizer from polymer material.

Titration Charts for Foamy Presoak 235.

Use the charts below to determine dilution ratio. Determine the water-blank to be subtracted from the titration prior to comparing to the alkaline titration chart. It's easy to use "Anionic Foamer Titration Test Kit T-400A" with fewer drops for initial dilution ratio. For more concentrated solutions use "Alkaline Titration Test Kit T-100A" for precise dilution ratio.

This chart uses "Alkaline Titrant". Water blank must be titrated and subtracted from your drops before comparing to this chart. Sample size = 1 tube	Dilution	Drops	This chart uses "Anionic Foamer Titration Test Kit T-400A". Use Titrant #2" Sample size = 1 tube	Dilution	Drops
	1:100	17		1:400	25
	1:115	15		1:500	21
	1:200	9		1:600	17
	1:265	7		1:720	15
	1:400	5		1:1000	12
	1:500	4			

Viscosity / Temperature Relationship: The viscosity of this product changes with temperature as shown in the chart below (water viscosity at 72°F = 1 centipoises, cp). It may require larger tips in colder weather.

Temperature °F	Viscosity, cp
35	274
40	238
50	183
60	143
70	115
80	94
90	78
100	65
110	55