



Product Application & Results

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PRODUCT: **TheOption® EC** **Stock # 1243**

Description: High alkaline, concentrated liquid presoak and high pressure detergent. Designed for frictionless systems, but also aids cleaning in hybrid and friction systems. Good results when used as a single-stage cleaner, or in double alkaline cleaning applications. Product contains No Phosphate and No NPE.

Color: Purple

Scent: Mild

Foaming Ability: Low to Moderate

<u>Features</u>	=	<u>Benefits</u>
Titratable	=	Quickly determine dilution
Biodegradable	=	Acceptable to waste water treatment.
Highly Effective	=	Excellent removal of dirt, oils, and road film.
Economical	=	Cost effective pricing only available in 55-gallon drums.

<u>Application</u>	<u>Dilution Ratios</u>		
<u>Frictionless Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
High Pressure cleaning & Prep Guns	1:200	1:300	1:250
Foam or Spray - Low-pressure presoak	1:40	1:70	1:55
Bumper Prep	1:25	1:40	1:30
<u>Friction & Hybrid Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
High Pressure cleaning & Prep Guns	1:200	1:300	1:250
Foam or Spray - Low-pressure presoak	1:45	1:120	1:80
Bumper Prep	1:30	1:60	1:50

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 (1:60 + 10% = 1:54). Trying to clean in frictionless washes with water over 2 grains of hardness is not recommended.

Solution Temperatures: Summer: 70-90°F Winter: 90-140°F. Peak performance on the vehicle surface is between 120-140°F. In winter run hotter water due to the colder surface temperatures. During the summer, cooler water is better suited to optimum performance of **TheOption® EC**.

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Guidelines for Application (continued)

Dwell time: Recommend from 15 to 25 seconds between presoak and high-pressure rinse. Generally increased dwell time will increase cleaning performance in all types of systems.

Economy: Reduce volume through alternative nozzling, equipment changes. Do not over-heat dilution water as it wastes energy and can decrease product effectiveness.

Alternative Products

Spectrum® Drum Pack Mild alkaline powdered detergent.

One Step Plus™ lower cost alternative presoak without reclaim abilities.

Advantage® or Performix® Premium alkaline presoaks with reclaim settling abilities.

The EDGE® High alkaline presoak with a Bold & Fresh scent.

Titration Chart For The Option® EC		
This chart uses the "Standard Alkaline Titrant" and a water blank must be titrated to subtract from your total drops before comparing to the curve.	Dilution	Drops
	1:30	30
	1:35	27
	1:40	23
	1:45	20
	1:50	19
	1:55	17
	1:60	16
	1:80	12
	1:90	10
	1:100	9