



Product Application & Results

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PRODUCT: **Ultraflex® Blend 101** **Stock # UF101**

Description: Ultra concentrated liquid component of alkaline presoaks for any type of car washes. Intended for use together with any Ultraflex® Base. Contains highly effective surfactants for maximum cleaning and economics. Product optimized for quick penetration of road film and emulsification of oil components in dirt on car surface. Blend 101 contains special surfactants that help clarify reclaim systems. In addition, product contains additive, which allows use of hard water for making presoaks with Alkaline Base 031 and Blend 101.

Color: Blue liquid

Scent: Mild

Foaming Ability: Low to Medium

Features

Ultra Concentrated

Highly Effective

Reclaim Clarifier

Surfactant based chemistry

Biodegradable

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Benefits

Convenience and Value.

Excellent removal of dirt, oils, and road film.

Settles small particles from reclaim water giving longer runs between filter cleaning and less wear on nozzles and pumps.

Safety and good cleaning effectiveness.

Acceptable to waste water treatment.

Application

Touchless In-Bay

Presoak - Base 021 and Blend 101

Presoak - Base 031 and Blend 101

Strongest

8:1

6:1

Base/Blend Ratios

Weakest

15:1

15:1

Average

12:1

13:1

Friction & Hybrid Systems

Presoak – Base 021 and Blend 101

Strongest

9:1

Weakest

18:1

Average

14:1

Self-Serve

Presoak – Base 021 and Blend 101

Strongest

10:1

Weakest

20:1

Average

15:1

Ultraflex® Blend 101 can be drawn direct together with Base solution from ClearMix™ 55 by using checkhub (P21000001) and single tip configuration.

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

PRODUCT:

Ultraflex[®] Blend 101

Stock # UF101

Guidelines for Application

Water Quality: Use SOFT WATER for best performance! Hard water also can be used with Blend 101 and Alkaline Base 031.

Solution Temperatures: Cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather. Presoaks based on Ultraflex[®] Alkaline Bases and Blend 101 work at peak performance when the temperature of solution on the vehicle surface is between 100-110°F. Product performance is reduced at surface temperature over 120°F.

Dwell time: Recommend from 15 to 25 seconds between presoak and high-pressure rinse. Decrease dwell time if vehicles are hot to avoid increasing the product concentration through evaporation of the water.

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

Special Instructions

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	233
50	139
60	89
70	60
80	42
90	31
100	24
110	19