



Product Application & Results

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PRODUCT: Ultraflex[®] Specialty Cleaner 280 **Stock # UF280**

Description: Ultra concentrated liquid component of alkaline cleaners for any type of car washes. Intended to use together with Ultraflex[®] Alkaline Bases, but can be used alone as specialty cleaner in friction application. Contains a highly effective surfactants, solvents and pine oil for maximum cleaning of car surfaces. Product optimized for quick penetration of road film and emulsification of oil components in dirt on car surface.

Color: Dark Green

Scent: Pine Oil

Foaming Ability: Moderate

<u>Features</u>	=	<u>Benefits</u>
Ultra Concentrated	=	Convenience and Value.
Highly Effective	=	Excellent removal of dirt, oils, and road film.
Versatile	=	Use for all type of car washes.
Pine Oil	=	Customer appeal and solvent cleaning action.
Biodegradable	=	Acceptable to waste water treatment.

<u>Application</u>	<u>Base/UF280 Ratios</u>		
<u>Touchless In-Bay</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Presoak – Base 021 and UF280:	8:1	15:1	12:1
Presoak – Base 031 and UF280:	6:1	15:1	13:1
<u>Friction & Hybrid Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Presoak – Base 021 and UF280:	9:1	18:1	14:1

<u>Application</u>	<u>Dilution Ratios</u>		
Foam or Spray on Cloth:	1:150	1:200	1:180
Hybrid Cleaner	1:120	1:160	1:140
Wheels and Tires	1:60	1:100	1:80
Interior Cleaner	1:80	1:120	1:100

Ultraflex[®] Specialty Cleaner 280 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.

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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. Presoaks based on Ultraflex[®] Alkaline Bases and UF280 work at peak performance when the temperature of solution on the vehicle surface is between 100-120°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 mixer to the point of dilution.

USE VITON FOOT-VALVES & VITON SEALS ON METERING DEVICES.

Viscosity – temperature relation.

Because viscosity does not change significantly with temperature, NO ADJUSTMENT of metering tips or pump setting is necessary to keep similar flow of product through metering devices.

Temperature, °F	Viscosity, cp
40	44
50	32
60	25
70	19
80	16
90	13
100	11
110	9