4WD LO

TECHNICAL BULLETIN

ACIDIC PRESOAK - RECLAIM COMPATIBLE

High-performance acidic cleaner engineered primarily for touch-less vehicle wash applications where maximum cleaning power is required without relying on mechanical friction. It utilizes our proprietary hydrofluoric acid replacement technology to aggressively attack stubborn road film, grime, mineral deposits, and inorganic soils, delivering cleaning performance beyond that of traditional acidic formulations. Designed as a powerful component of a two-step touch-less cleaning process, 4WD Lo can be applied as either the first or second step when paired with a high-performance alkaline cleaner.

4WD Lo also performs exceptionally well in automatic friction washes as the main pre-soak or wheel cleaner, where its enhanced acidic cleaning power complements mechanical cleaning action for a brighter, cleaner vehicle. Its reclaim-compatible formulation makes it an excellent choice for wash facilities that capture and reuse wash water without sacrificing cleaning performance.

Advantages:
Reclaim Compatible – Anionic free system, keeps water cleaner and odor free.
Fluoride Free – Does not contain free: HFS, ABF or HF acid.
Versatile – Use for low-high pressure pre-soak or wheels.
Unique Acidity – Cleans better than traditional acid technologies.
Premium Detergency – helps remove oily grime, faster wetting, and produces easy rinsing foam.
Highly Concentrated – Excellent performance at economical use rates.
Clog & Build-Up Free – Application and car wash equipment stays cleaner longer.

DIRECTIONS FOR USE

Touchless Pre-Soak (2-Step Process Lo / Hi or Hi / Lo):
Using a Hydrominder® 506/511, dilute 1:180-240, or inject 25–40 mL of concentrate into a 2–3 GPM water stream as the 1st Pass.
Using a Hydrominder® 506/511, dilute 1:240-480, or inject 10–20 mL of concentrate into a 2–3 GPM water stream as the 2nd Pass.

Automatic Friction Vehicle Wash "Pre-Soak" using Nozzle Arch, K-Stick or Shower Head Applicator:
Using a Hydrominder® 506/511, dilute 1:240-480, or inject 7–15 mL of concentrate into a 1.5–3.25 GPM water stream.

HP Foam Cannon:
Add 3-6 oz into 24 oz bottle and fill with soft water and attach to the high pressure wand. Apply to the surface and allow to dwell for 30-60 seconds before applying the alkaline cleaner directly over it, allow that to dwell for 30-60 seconds. Then remove with high pressure water (1250-2000 psi) keeping nozzle 8-10" away from surface.

Wheel CTA:
Using a Hydrominder® 506/511, dilute 1:48-120, or inject 6–15 mL of concentrate into a .5–1.5 GPM water stream per vehicle.

PROPERTIES

PHYSICAL FORM: Liquid	**SPECIFIC GRAVITY:** 1.14-1.18
COLOR: Orange	**SOLUBILITY IN WATER:** Complete
PH: 1-2	**RECLAIM COMPATIBLE:** Yes
ODOR: Acrid	**HAZARDS:** Corrosive

STOCK NUMBER: QW-0115

TECHNICAL DATE: 08/01/26

Clean, dry & shiny...
Magnified!