



CROWN™

Technical Data Sheet

STEP 1™



High-pH Super-Foaming Presoak for Touchless and Friction Car Washes

A concentrated, high performance mildly alkaline detergent for use in automatic and self-serve car washes, foam gun and pressure washing applications. Removes road film, oil, grease, silt, clay, dust, soot and other organic soils from automotive surfaces. Designed to be used in combination with an acidic presoak as a two-part system for superb removal of organic and inorganic soils typically found on automotive surfaces. Very high foaming for increased contact time on vertical surfaces and improved cleaning performance. Contains a special blend of chelants, alkalis and foam additives for rapid soil penetration and emulsifying. Improves the performance of clear coat protectants and drying agents by removing accumulated soil. Ideal for use in touchless, friction and self-serve car washes as well as foam guns and pressure wash applications.

Directions for Use

This product is designed to be used in conjunction with an acidic presoak as part of a two-component cleaning process. For best results, first apply a solution of an acidic presoak to the vehicle surface through low pressure foaming equipment. Apply to dry surface - do not pre-wet. Consult product label for dilution rates. Follow promptly with an application of this product, again through low pressure foaming equipment. For touchless operations, dilute at a rate of 43 - 85:1 (1.5 - 3.0 ounces per gallon). For friction operations, dilute at rate of 85 - 170:1 (.75 - 1.5 ounce per gallon). Use foaming equipment and spray nozzles to thoroughly coat all vehicle surfaces with detergent solution. Rinse completely with hot, high-pressure water (1,000 psi or higher). Follow with application of clear coat protectant, drying agent, etc. Do not allow solutions to dry on automotive surfaces.

Safety Reminder

Consult product label and Safety Data Sheet (SDS) before use. SDS's may be downloaded from www.crown-chem.com.

Technical Specifications

Appearance	Blue Liquid
Odor	Cherry
pH (1% solution, 22°C)	>11.0
Foaming	Very High
Flash Point	None
Bulk Density (lbs/gal, 22°C)	8.82±0.1
Stability Range	50-100°F
Free Alkalinity (as Na ₂ O)	High
Solubility (in H ₂ O, 22°C)	100%
Phosphate Content	None

Product Number

81505
81515
81530
81555

Packaging

5 gal. pail
15 gal. drum
30 gal. drum
55 gal. drum

CROWN™ 4701 W. 136th St. • Crestwood, IL 60418
tel (708) 371-6990 • (800) 672-4065
fax (708) 371-6992
www.crown-chem.com
CROWN CHEMICAL, INC.

