



CROWN™

Technical Data Sheet

DOWN & DIRTY™



High-Foaming Powdered Alkaline Automatic Tire & Wheel Cleaner for Friction & Touchless Car Washes

A high performance powdered alkaline tire and wheel cleaner for use in automatic car washes. Dissolves road film and soil buildup quickly and completely on porous rubber surfaces and metal rims. Produces abundant foam for increased contact time on vertical surfaces and improved cleaning performance. Contains a special blend of solvents, alkalis and surfactants in addition to special additives for rapid soil penetration and emulsifying. Ideal for use in automatic, touchless and self-serve car washes, or with portable pressure washing equipment.

Directions for Use

For use in automatic in-line spray on/rinse off car wash operations only. Not for manual cleaning of tires.

Mixing Instructions: Prepare a premix by diluting 13-16 ounces of this product per gallon of hot water (4-5 lbs. per 5 gallon pail; 44-55 lbs. per 55 gallon drum). Mix vigorously for 10+ minutes until powder is completely dissolved. Longer mixing times will be needed for warm or cold water, or for low agitation. Failure to completely dissolve this product may result in clogged injector tubes, spray hoses or spray nozzles.

Use Instructions: Apply premixed solution through inline application equipment. Consult manufacturer's instructions for operation of equipment. For friction operations, premix should be applied at a dilution rate of 128-256:1 (1-2 ounces per gallon). For touchless operations, apply premix at a dilution rate of 256-512:1 (2-4 ounces per gallon). Adjust dilution as required to achieve acceptable results. Brush and/or rinse with hot, high-pressure water. Do not allow solutions to dry on automotive surfaces.

For Use as a Pressure Wash Detergent: Prepare a premix solution as instructed above. Apply premix at a feed rate of 2-8 ounces per gallon of hot water (16-64:1 ratio). Dilutions will vary according to soil level. Apply solution at low pressure to dry surfaces. Use foaming spray nozzles or foam aeration for maximum cling on vertical surfaces. Allow several minutes contact time to improve soil penetration, keeping surface wet. Brush, scrub or agitate to loosen soils, then rinse with hot, high-pressure water (1,000 psi or higher). Do not allow solution to dry on 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	Orange Powder
Odor	Characteristic
pH (1% solution, 22°C)	<11.0
Foaming	Very High
Flash Point	N/A
Bulk Density (lbs/gal, 22°C)	10.00±0.1
Stability Range	N/A
Free Alkalinity (as Na ₂ O)	High
Solubility (in H ₂ O, 22°C)	100%
Phosphate Content	None

Product Number

86950
86901
86903

Packaging

50 lb. drum
100 lb. drum
300 lb. drum



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