BACKBRITE PLUS

TECHNICAL BULLETIN

ACIDIC WHEEL & ALUMINUM CLEANER

High-performance acidic cleaner engineered to remove stubborn brake dust, iron fallout, road grime, oxidation, and mineral deposits from wheels and non-polished aluminum surfaces. Formulated with ammonium bifluoride technology, Backbrite Plus provides powerful cleaning performance for demanding applications while offering an alternative to traditional hydrofluoric acid formulations.

Its aggressive acidic chemistry penetrates and loosens embedded metallic contamination, inorganic soils, and oxidation that can leave wheels and aluminum surfaces looking dull and dirty. Backbrite Plus helps restore a cleaner, brighter appearance with minimal mechanical agitation, making it an excellent choice for professional vehicle washing and commercial fleet cleaning.

Designed primarily for wheels, semi-trailers, gravel trains, and non-polished aluminum surfaces, Backbrite Plus delivers effective cleaning performance where conventional detergents may struggle to remove stubborn deposits.

Advantages:
Hydrofluoric Acid Free – Utilizes ammonium bi fluoride instead, which is safer to handle.
Versatile – Use for pre-soak, aluminum brightening and wheel cleaning.
Powerful Acidic Cleaning – Attacks stubborn brake dust, iron fallout, road film, mineral deposits, and inorganic soils.
Foaming – Produces clinging foam that rinses away easily.
Highly Concentrated – Excellent performance at economical use rates.

DIRECTIONS FOR USE

*Touchless Pre-Soak (2-Step Process Lo / Hi):
Using a Hydrominder® 506/511, dilute 1:70-180, or inject 30-90 mL of concentrate into a 2–3 GPM water stream as the 1st Pass. Apply an alkaline pre-soak over top of this for best performance.

Car Wash Wheel CTA:
Using a Hydrominder® 506/511, dilute 1:17-64, or inject 10–30 mL of concentrate into a .5–1.5 GPM water stream per vehicle.

*Heavy Duty Acid Wash & Aluminum Cleaning:
Dilute 1 part product to 2-20 parts water and spray onto the aluminum or heavily soiled surfaces. Allow to dwell for several minutes, then remove with high pressure water spray. Repeat as necessary. Do not apply to polished aluminum.

*Do not apply to glass surfaces stronger than 1 part chemical to 50 parts water as it could etch. Do not allow to dry onto surfaces and rinse thoroughly. Avoid breathing vapors/mists and skin contact. Wear appropriate PPE when handling (read SDS).

PROPERTIES

PHYSICAL FORM: Liquid	**SPECIFIC GRAVITY:** 1.12-1.16
COLOR: Orange	**SOLUBILITY IN WATER:** Complete
PH: 1	**RECLAIM COMPATIBLE:** Yes
ODOR: Acrid	**HAZARDS:** Corrosive

STOCK NUMBER: QW-0210P

TECHNICAL DATE: 10/01/26

Clean, dry & shiny... Magnified!