



TYPICAL PROPERTIES

- Appearance = Clear, colorless liquid
- pH = <1
- VOC (EPA 24) = 0.03 lbs/gal
- Density = 8.67 lbs/gal
- Flashpoint = None

SHIPPING

AutoGeneral® Non Etching Aluminum Cleaner is shipped in 1 gallon plastic jugs, 5 gallon plastic pails, and 55 gallon closed head plastic drums.

AutoGeneral® Non Etching Aluminum Cleaner (GCC 503)

Aluminum Cleaner and Brightener

Description

AutoGeneral® Non Etching Aluminum Cleaner is a ready to use complex liquid formulation of environmentally friendly dilute acids with unique biodegradable surface active agents. It is designed for the retention and restoration of high optical reflectivity on polished aluminum, hard chrome, and stainless steel surfaces. Surfaces previously dulled by etching must be cleaned with GCC 503. first, then buffed to regain and maintain high optical reflectivity. GCC 503 has been formulated to clean aluminum wheels, vehicles, trailers and the like. It is designed to effectively remove residual dirt, oils, black welding soot, corrosion, oxide films, design marker and microscopic projections from polished and extruded aluminum surfaces without “white” etching or pitting.

Recommended Application

- 1 AutoGeneral® Non Etching Aluminum Cleaner is used as received.
- 2 If the metal is hot, thoroughly cool and wet the entire surface to be treated and have a pressure washer ready for rinsing.
- 3 Spray the product onto the surface, assuring complete film coverage. Apply the chemical solution as a spray to a 1-2 metre section of the unit's body starting from the bottom and working up. Assure complete thin film coverage. Recommended air pressure: 40 to 50 psi.
- 4 Once the application is complete, allow an exposure time of 60 seconds but not more than 90 seconds. Brushing may facilitate more efficient cleaning. DO NOT let the chemical dry on the metal surface as it may stain the surface if not rinsed properly.
- 5 Using a pressure washer, rinse all chemical solution from the surface, preferably from the top down. Rinse the section with high pressure water starting at the bottom and consistently moving with a 10 cm fan or less in a horizontal pattern until the top is reached. Then rinse all residual chemical solution thoroughly from the surface working from the top down. Be sure to always rinse the chemical solution overspray from other sections in the same fashion. Special cautions apply to the bulk carriers because of

their rounded tops. When the entire unit is complete, a final water rinse and flush will assure no residual chemical activity on the aluminum surface. If desired, wipe dry with a clean dry cloth or chamois.

Benefits

- Water based
- Widespread utility
- Low VOC

Material Compatibility

Avoid strong oxidizing agents (i.e. bleach), strong bases (i.e. ammonia) and active metals.

Health & Safety

Please refer to SDS for complete health and safety information.

Storage

Keep only in the original container in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use.

Surfaces

The cleaning ability of this product is restricted to quality rolled or extruded primary aluminum articles.

Precautionary Note

Insufficient rinsing may result in streaks as the surface dries. This precaution only applies to rolled aluminum and not to extrusions or sheeting on newly fabricated units. Since no brushing is required, be consistent with wand pattern. For extra pride, chamois surface dry. This chemical treatment procedure pacifies aluminum metal surfaces and inhibits against corrosion. As the new aluminum surface is now exposed to the air it will form a natural aluminum oxide film protecting it against pit corrosion. Accessories on finished products, such as light assemblies, reflectors, glass and mirrors, plastics, brass, stainless steel, hard chrome, decals, logos, wood, tarps, mud flaps, or rubber tires are not altered or defaced by this chemical solution when used according to directions.

Waste Disposal

The cleaning procedure may generate a hazardous industrial waste depending on the surface soil cleaned off. Comply with federal, provincial, state, and local regulations.

Application

Do not spray directly onto a hot metal surface since it will alter the chemistry resulting in staining. Walk around the whole unit being treated and thoroughly cool and wet the entire surface on a hot sunny day. The best time is early in the morning or evenings.

The product must be used with a chemical resistant self priming pump sprayer. It cannot go through the traditional siphoning mechanism of a pressure washer, as it will corrode the springs.