

Aluminum Cleaner

Technical Data Sheet (TDS)

Product Description

Aluminum Cleaner is an acid based pre-treatment cleaner for aluminum and aluminum alloys.

Aluminum Cleaner is highly efficient at removal of contaminants and surface oxidation.

Product features:

- Efficient surface pre-treatment
- Excellent removal of oil contaminants
- Promotes better adhesion of the primer
- Quickly removes rust stain

Recommended Uses

Aluminum Cleaner is intended for industrial applications; either new build or maintenance.

Aluminum Cleaner is suitable pre-treatment of Aluminum and its alloys such as: Aluminum (#2024, #5052, #6061, #7071 and #7075).

Mix Ratio

1 part by volume of Aluminum Cleaner [FTH0001].
3 parts by volume of water.

Note: Acid resistant (plastic, rubber or stainless steel) containers should be used. For spray applications, plastic or stainless steel cups and nozzles should be used.

Product Characteristics

pH: <1

Shelf Life: 3 years

Note: For unopened product

Surface Preparation

Procedures:

1. Prior to application of Aluminum Cleaner, degrease the aluminum with Degreaser 10, Endura EX-2C Thinner or Endura high strength gun wash.
Note: Do not use generic gun wash products or wax and grease remover to remove any oil or paint stripper residue.
2. Use a scuff pad with the solvent to scuff the aluminum surface. Rinse well with water to remove solvent residue before application of Endura Aluminum Cleaner.

IMPORTANT SAFETY NOTE:

Applicators should be equipped with rubber gloves, aprons, and goggles to avoid contact with the solution. For spray application, a respirator must be worn. After use, clean equipment thoroughly with water. To reduce fire hazard, wash rags, mops and sponges with water before they are discarded. For further information see SDS.

Application Method

1. Apply the diluted Endura Aluminum Cleaner to an area of about 10 – 20 sq. ft. (1 – 2 sq. m.) using a soft brush or mop.
2. Start at the bottom and work up to minimize streaks.
3. Allow solution to remain on the surface for no more than 5 minutes. Do not allow product to dry on surface.
4. Rinse thoroughly with clean water. Water should drain off without any signs of a water break or water beading (areas showing water break or water beading must be redone).
5. Continue until entire surface is cleaned.
6. Any seams, crevices or rivet areas should be blown dry with clean compressed air.

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Note: After application of aluminum cleaner, the aluminum surface should be treated with a further treatment or primer within 8 hours to stop re-oxidation of the surface.

Ordering Information (sizing)

Available in Pint, Quart, Gallon and Pail Kits
Other custom sizes may be available.

Pint	
Aluminum Cleaner	FTH0001-010

Quart	
Aluminum Cleaner	FTH0001-020

Gallon	
Aluminum Cleaner	FTH0001-030

5 Gallon	
Aluminum Cleaner	FTH0001-050

Safety Precautions

Special Note: Avoid contact with organic thinners, especially Methyl Ethyl Ketone (MEK).

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at www.endura.ca.