

## TECHNICAL DATA SHEET

# CH3003

**Code 6300**

***Environmentally Friendly, Water-Based, Acid Activated Aircraft Paint Stripper***

### DESCRIPTION

Callington CH3003 is a low odor, non-volatile, acid-activated, environmentally friendly thixotropic paint stripper that effectively strips typical aircraft paint / primer systems like polyurethane, epoxies, epoxy primers, etc.

### FEATURES & BENEFITS

- Environment friendly paint stripper with lower risks for environment, health, and safety.
- Made with biodegradable, low odor, low VOC, and aromatic solvents.
- Does not contain methylene chloride, NMP, phenols, amines, nitriles, or chromates.
- Thixotropic – clings to vertical, inclined, and overhead surfaces.
- Slow evaporation and effective paint stripping.
- Safe on aircraft metals including aluminum, steel, and titanium.

### APPROVALS

Callington CH3003 has been tested and qualified to the following specifications:

- Immersion Corrosion Test of BSS7432  
*\*Except cadmium plated steel and magnesium*
- Immersion Corrosion for Aluminum and Titanium Alloys of AMS 1376B
- Douglas CSD1
- ASTM F945
- ARP 1755B
- MIL-R-81903A

### DIRECTION FOR USE

1. Remove all oil and dirt with Callington's Exterior Cleaner Concentrate (CH511C), or equivalent, before stripping. The surface must be clean and completely dry before treating with a stripper.
2. **Optimum results are achieved if hangar temperature is above 20°C.**
3. Before applying the stripper, cover any sensitive areas that may be damaged by CH3003 like electronics, magnesium, cadmium, or plastics.
4. Spray or brush CH3003 onto surface to be stripped.
5. Spray Application: Spray an even, light coat of CH3003, starting from the bottom of the aircraft and working upward. Approx. 1 L/m<sup>2</sup> of CH3003 will be used for efficient stripping.
6. Keep the surface wet with CH3003 until the paint starts to buckle.



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7. Allow for sufficient contact time (1 – 5 hours to overnight on tough coatings) or more depending on the ambient temperature, paint system, and thickness of paint to be stripped. Reapply CH3003 paint stripper as required.
8. When the paint is starting to lift, brush the surface area to remove any loose paint.
9. When all paint is lifted, agitate the surface to remove the loosened paint and any residual stripper.
10. For optimal results apply an alkaline cleaning solution (CH511C) to effectively remove any contaminants or paint stripper residual.
11. After finishing the stripping process, collect stripper and paint residue into clean plastic waste bins for disposal as solid waste according to local trade waste regulations.
12. Finally, rinse the surface with high pressure water.

### PHYSICAL PROPERTIES

- Appearance: Green viscous opaque liquid
- Density at 20°C: 1.05 +/- 0.05 g/mL
- pH: 1.5 – 2.5
- Viscosity: 90 +/- 20 Ps (Spindle #6, 20rpm)
- Shelf Life: 18 – 24 months in temperatures of maximum 22°C

### ORDERING INFORMATION

Code	Product Description	Packaging	Units / Case
6300/42/AMS	CH3003 Eco-Friendly Acid Activated Paint Stripper	1 Gallon	4
6300/51/AMS	CH3003 Eco-Friendly Acid Activated Paint Stripper	5 Gallon	1
6300/64/AMS	CH3003 Eco-Friendly Acid Activated Paint Stripper	55 Gallon	1

### SUITABLE EQUIPMENT

CH3003 is best used with high pressure (5:1 or 10:1) air activated spray pumps, coupled with high pressure hose and spray wand, using a fan size tip nozzle. For more information, please call your nearest Callington representative.

### DANGER

Combustible liquid. May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. Suspected of causing cancer. May cause drowsiness or dizziness.

### PRECAUTIONS

#### Read the SDS before use.

Mixing or cross-contamination of acid-activated strippers with hydrogen peroxide activated stripper can be highly corrosive to aluminium. If a peroxide-activated stripper is used initially to strip paint, but it's necessary to then use an acid-activated stripper (or vice-versa) to remove residual paint / primer, the aircraft must be thoroughly washed down with water to remove all residue of the initial stripper before applying the alternative stripper. The aircraft should be allowed to dry after washing before applying paint stripper.

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When spraying CH3003 on surface, pay close attention to directing the spray into the skin laps and seams. When neutralizing check surface and water coming out of seams with pH paper, to ensure all acid is neutralized.

Keep away from heat / sparks / open flames / hot surfaces. No smoking. Do not breathe mist / vapors / spray. Use only outdoors or in a well-ventilated area. Wear protective gloves / protective clothing / eye protection / face protection.

### FIRST AID

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor / physician.

### STORAGE & DISPOSAL

Store in a well-ventilated place. Keep cool. Store locked up. Dispose of content / container to authorized hazardous or special waste collection point in accordance with any local regulation.

**WARRANTY** – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation, and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent. Created 12 July 2024 Date Printed 4/10/2024 11:19 AM

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