

## TECHNICAL DATA SHEET

# CH3003

**Code 6300**

## ***Environmentally Friendly, Water based, Acid Activated Aircraft Paint Stripper***

### DESCRIPTION

Callington CH3003 is a low odour, 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 odour, low VOC non-aromatic solvents.
- Does not contain methylene chloride, NMP, phenols, amines, nitrites, or chromates.
- Thixotropic - clings to vertical, inclined, and overhead surfaces
- Slow evaporation and effective paint stripping.
- Safe on aircraft metals including aluminium, steel and titanium

### APPROVALS

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

- Meets Immersion Corrosion Test of BSS7432 (except cadmium plated steel and magnesium)
- AMS 1376B Meets Immersion Corrosion for Aluminium and Titanium Alloys
- Douglas CSD1
- ASTM F 945
- ARP 1755B
- MIL-R-81903A

### APPLICATION

1. Remove all oil and dirt with Callington's CH087 Exterior Aircraft Cleaner, or equivalent, before stripping. The surfaces 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 CH-3003 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. 1L/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 (CH087, CH511c or CH8100) 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.

### 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.

### SAFETY PRECAUTIONS

**Read the Material Safety Data Sheet 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.

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

**Produces severe burns:** CH3003 is an acid activated product and is corrosive to skin and eyes. CH3003 should always be used with adequate ventilation and proper safety equipment, including full-face shield, rubber apron, boots, and gloves. If any skin contact occurs, flush with water for 15 minutes, then wash with soap and water. CH3003 may not be used on magnesium or high-strength or cadmium plated steel.

### STORAGE & DISPOSAL

Store and transport CH3003 in a dry place in the original packaging. Store CH3003 in its original drums in a cool, well-ventilated place away from direct sunlight at temperatures from 10°C to 30°C.

### ORDERING INFORMATION

Product Code	Packaging	Units/Carton
6300/51	20 litres	Each
6300/64	200 litres	Each

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### PHYSICAL PROPERTIES

Appearance:	Green viscous opaque liquid
Density at 20°C:	1.05 ± 0.04g/ml
Flash Point (deg C):	> 63 (PMCC)
pH:	2.0 +/- 0.5
Shelf Life:	12-14 months in temperatures of maximum 22°C

**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.  
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