

TECHNICAL DATA SHEET

CH8150HG

Code 2522

Aerocare Gel – High Gloss Dilutable Aircraft Exterior Cleaner

DESCRIPTION

Callington CH8150HG Aerocare Gel is an eco-friendly, high-gloss aircraft exterior cleaning gel specifically formulated to significantly reduce the time and level of manual effort required for cleaning. The specific dilutable feature allows for optimum adaption and suitability with all wet & waterless 'dry' applications. As a latest generation aircraft wash, with full biodegradability and bio-based ingredient, CH8150HG was designed for easy cleaning of heavily soiled sections of the aircraft, such as the lower fuselage, wing flaps, and the nose wheel well.

FEATURES & BENEFITS

- Gel-Powered Efficiency** – Its viscous (thixotropic) formula enhances adhesion, boosting cleaning power and reducing manual effort.
- Water dilutable** – For use with all typical wet & waterless applications.
- Effective Pollution Removal** – Rapidly eliminates dirt, grease, carbon, and exhaust residues within minutes of application.
- Corrosion Inhibition Protective Properties**: With ingredients that not only prevent corrosion but also offer extended protection for aircraft surfaces and enhance the longevity of the aircraft's coating system again environmentally and chemical damage.
- High-Gloss Finish** – Leaves surfaces clean without streaks, making it ideal option for dry wash applications.
- Easy Rinsing** – Controlled foam simplifies rinsing, enhancing user convenience.
- Environmentally Friendly**: Readily biodegradable, low VOC, meeting EU Ecolabel, CleanGredients, and Safer Choice standards. Free of harmful substances, ensuring minimal environmental impact.



APPROVALS

- AMS 1526C
- AMS 1530C
- AMS 1533C
- BSS 7432
- Airbus CML 08ABC1
- Airbus CML 08ABD1
- MIL-PRF-87937E (Type III)
- Lockheed Martin C130
- Bell 00303040
- AIMS 09-00-002

DIRECTIONS FOR USE

CH8150HG Aerocare Gel can be used undiluted or mixed with water based on soil intensity; however, adding water will reduce its viscosity and thixotropic properties.

- For heavy soil buildup, apply CH8150HG **undiluted**. Monitor closely as product dries quickly.
- Moderately soiled surfaces: mix 1 part CH8150HG with 5 parts water.
- For light soil: blend 1 part CH8150HG with 10 parts water, at discretion of the airline.

**Dilution suggestions are provided as general references.*

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Wet Wash:

Apply CH8150HG using cloth, mop, brush, pad, or spray equipment according to dilution guidelines. Distribute and agitate onto the surface, allowing up to 5 minutes for penetration. Re-agitate if necessary. Rinse with flowing water or a high-pressure washer, starting from the top and moving downward.

Waterless Cleaning / Dry Wash:

For best results, dilute 1-part CH8150HG with 5 parts water. Apply on sections with a cloth or cleaning tool. Allow up to 5 minutes in heavily soiled areas before wiping with a clean cloth. Replace the cloth when saturated.

Heavy Duty Cleaning (Landing Gear & Wheel Wells):

Apply **undiluted** CH8150HG on surfaces using cloth, mop, brush, pad, or spray equipment, leaving a film. Let the gel sit and soap for up to 5 minutes. Monitor closely as product dries quickly. Scrub the coated surface as necessary using a cloth, mop, brush, or pad. Rinse thoroughly with water after application.

Robotic Machine Cleaning:

Dilute 1:10 for use with robotic cleaning machines.

Note: Dilution quantities can be adjusted based on specific cleaning requirements.

PHYSICAL PROPERTIES

Appearance: Yellow, viscous liquid.

pH : 12.4 +/- 0.5

pH at 10% dilution : 11.4 +/- 0.5

SAFETY, HANDLING & DISPOSAL INFORMATION

Please read Safety Data Sheet before using the product. Dispose of contents / container to authorized hazardous or special waste collection point in accordance with any local regulation. Safety Data Sheet available on request.

ORDERING INFORMATION

Code	Product Description	Packaging	Units per Case
2522/42/AMS	CH8150HG Aerocare Gel	1 Gallon	4
2522/51/AMS	CH8150HG Aerocare Gel	5 Gallon	1

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 12/02/2026 10:08 AM

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