

TECHNICAL DATA SHEET

CH8150HG

Aerocare Gel

Code 2522

DESCRIPTION

Callington CH8150HG Aerocare Gel is an eco-friendly, high-gloss cleaning gel specifically formulated to significantly reduce the time and level of manual effort required. The slow-drying formula is designed for easy cleaning of heavily soiled sections of the aircraft, such as the lower fuselage, wing flaps, and the nose wheel well. The gel formulation provides extended dwell time, and it's suitable for both wet & dry wash applications with results seen in under 3 minutes.

FEATURES & BENEFITS

- **Gel-Powered Efficiency** – Its viscous (thixotropic) formula enhances adhesion, boosting cleaning power and reducing manual effort.
- **Effective Pollution Removal** – Rapidly eliminates dirt, grease, carbon, and exhaust residues within minutes of application.
- **Environmentally Friendly** – Active ingredients were carefully formulated using over 60% Safer Choice approved CleanGredients. Readily biodegradable, low VOC, and free of harmful substances, ensuring minimal environmental impact.
- **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.
- **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 against environmental and chemical damage.



APPROVALS

- AMS 1526C
- AMS 1530C
- AMS 1533C
- Boeing D6-17487 (Rev T)
- Airbus CML 08ABC1-B
- MIL-PRF-87937E (Type III)

DIRECTIONS FOR USE

CH8150HG can be used undiluted or mixed with water based on soil intensity; however, adding water will reduce the thixotropic properties. For heavy soil buildup, apply CH8150HG **undiluted**. Moderately soiled surfaces, mix 1-part CH8150HG with 5 parts water. For light soil, blend 1-part CH8150HG with 10 parts water, at the discretion of the airline. *Dilution suggestions are provided as general references.*

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

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necessary. Rinse with flowing water or a high-pressure washer, starting from the top and moving downward.

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. Agitate the coated surface as necessary using a cloth, mop, brush, or pad. Rinse thoroughly with water after agitation.

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

PHYSICAL PROPERTIES

Appearance: Orange, viscous liquid.

pH : 12.4 +/- 0.5

pH at 10% dilution : 11.4 +/- 0.5

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

WARNING

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.

PRECAUTIONS

Wear protective gloves, protective clothing, eye protection, and face protection. Wash all exposed external body areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid breathing mist/vapours/spray.

FIRST AID

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

DISPOSAL

Dispose of contents / container to authorized hazardous or special waste collection point in accordance with any local regulation.

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