



AV8312(1)

# GK Air™ Inflight Disinfectant

TECHNICAL DATA SHEET

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AIRCRAFT DISINFECTANT

SURFACE CLEANER

AIR FRESHENER AND DEODORANT

**GK Air™ Inflight Disinfectant is a versatile, non-toxic air disinfectant perfect for enhancing the air quality within aircraft cabins.**

Formulated to eliminate up to 99.9999% of germs, GK Air™ Inflight Disinfectant ensures a healthier and more pleasant environment for both passengers and crew. Its water-based formula actively destroys odour-causing bacteria and leaves a refreshing green tea fragrance, making it an ideal choice for in-flight hygiene and comfort.

**Fragrances available:** Green Tea, Yuzu, Blossom, Atlantic and Ocean.  
Customised fragrances and logo available upon request.



## Product Features and Benefits

- Water-Based Formula**  
Does not damage aircraft interiors and plastics while meeting aircraft specifications for disinfectants.
- Tested for Safety**  
Non-irritant to eyes and skin, and non-toxic on acute inhalation and oral toxicity, in accordance with OECD Testing Guidelines.
- Convenient and Ready to Use**  
Easy application for quick and effective disinfection.
- Pleasant Fragrance**  
Features a choice of refreshing scents, including customised options, enhancing the in-flight experience.
- Hospital-Grade Disinfectant**  
Cleans, disinfects and deodorises in one step, ensuring a high level of surface disinfection.
- Safe for Daily Use**  
Suitable for use in the presence of passengers and crew, ensuring the health safety of all on board.
- Environmentally Friendly**  
Propellant-free formulation, offering an environmentally conscious alternative.
- Regulatory Compliance**  
Meets industry standards and regulatory requirements for aviation safety and cleanliness.



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## Meets Aircraft Requirements

**AMS1453A** • Aircraft Disinfectant Cleaner

**AMS 1550B** • Cleaner for Interior Aircraft Surfaces

**AIRBUS AIMS09-00-002** • Airbus Industries  
Material Specification for Cleaning Products for  
Aircraft Interiors

**BOEING BSS7432 (D6-17487)** • Boeing  
Specification for Disinfectant Cleaner

**BOEING BSS7434 (D6-7127)** • Boeing  
Specification for Aircraft Interior Cleaner

**DOUGLAS CSD no. 1** • Douglas Aircraft Company  
Specification for General Purpose Cleaner

## Effective Against a Variety of Pathogens

- ✓ SARS-CoV-2 (COVID-19)
- ✓ Influenza A (H1N1)
- ✓ Staphylococcus aureus (Staph)
- ✓ Pseudomonas aeruginosa
- ✓ Escherichia coli (E.Coli)
- ✓ Bacillus cereus
- ✓ Proteus vulgaris
- ✓ Candida Albicans

## Certifications

### GK Air™ Inflight Disinfectant meets the following standards

- ✓ ASTM 1053 efficacy evaluation for virucidal agents (U.S. EPA standard)
- ✓ AOAC requirements for Hospital Grade surface Disinfectants
- ✓ BS EN1040:2005 – bactericidal activity test
- ✓ OECD Testing Guidelines of Chemicals for Health Effects
- ✓ Certified Production Compliance to ISO 9001:2015 and ISO 14001:2015 – adherence to rigorous quality and environmental management standards

## ✓ Applications

### ☞ Air Disinfection

**Cabin Air Quality:** Spray GK Air™ Inflight Disinfectant into the air of the aircraft cabin to eliminate airborne germs and refresh the air. This can be done before boarding and after passengers have disembarked to maintain a clean atmosphere.

**During Flights:** Use GK Air™ Inflight Disinfectant during flights to continuously purify the air, ensuring a pleasant and safe journey for passengers.



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## ✓ Applications

### Surface Disinfection

**Cabin Floors and Seats:** Spray GK Air™ Inflight Disinfectant directly onto the cabin floors and seats before boarding and after passengers disembark to disinfect and deodorise these high-contact areas.

**Lavatories:** Regularly spray GK Air™ Inflight Disinfectant into the aircraft lavatories to disinfect and neutralize odours, maintaining a hygienic environment.

**Tray Tables and Armrests:** Apply GK Air™ Inflight Disinfectant to tray tables and armrests and wipe dry to ensure thorough disinfection.

**Cockpit and Crew Areas:** Use GK Air™ Inflight Disinfectant in cockpit and crew areas to maintain a clean and safe workspace for the flight crew.

### Odour Elimination

**Spill and Vomit Areas:** Directly spray GK Air™ Inflight Disinfectant on areas affected by spills or vomiting to eliminate stubborn odours and disinfect the surfaces.

**General Odor Control:** Use GK Air™ Inflight Disinfectant throughout the cabin to control and neutralise unpleasant odours, ensuring a fresh-smelling environment.

## Product Specifications

### Standard Specifications

- ✓ Appearance
- ✓ Colour
- ✓ Scent
- ✓ pH (Acidity)
- ✓ Solubility
- ✓ Flammability
- ✓ Specific Gravity

### Acceptance Criteria

Liquid  
Clear  
Green Tea (Default)  
pH 7 (Neutral-based)  
Soluble  
Non-Flammable  
0.99 ± 0.03



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## Health Effects

## OECD Test Results for Health Effects of GK Air™ Inflight Disinfectant

Test Guideline Number	Title	Result	Category
OECD TG 401	Acute Oral Toxicity	5000 mg/kg of bodyweight	Category 5 / Non-Toxic
OECD TG 402	Acute Dermal Toxicity	2000 mg/kg of bodyweight	Category 5 / Non-Toxic
OECD TG 403	Acute Inhalation Toxicity	5.03 mg/L of air (4 hours exposure)	Category 5 / Non-Toxic
OECD TG 404	Acute Dermal Irritation/Corrosion	Non-Irritant	Non-Irritant
OECD TG 405	Acute Eye Irritation/Corrosion	Non-Irritant	Non-Irritant
OECD TG 406	Skin Sensitisation	Not a Skin Sensitiser	Not a Skin Sensitiser

## Precaution

KEEP OUT OF REACH OF CHILDREN. For external use only. Keep in a cool, dry place away from direct sunlight, fire or flame. Do not expose to temperature exceeding 50°C. Do not ingest, if product is ingested, seek medical advice. Not intended for skin. Avoid spraying directly to the face. If IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists, get medical attention.

## Ordering Information

Code	Description	Packaging	Units/Carton
AV8312(1)-AL200VP	GK AIR™ INFLIGHT DISINFECTANT (200ML)	200ml	24
AV8312(1)-AL300VP	GK AIR™ INFLIGHT DISINFECTANT (300ML)	300ml	24

**Shelf Life:** 36 months

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