

# Clean, Disinfect, Deodorize – Color Coded Cleaning with RTU Products

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Hygiene means many things to many people. For the airline industry, it means ensuring that you are providing the safest and cleanest possible environment for passengers and crew. As demand for airline travel increases, so does the need to maintain a clean environment, and aircraft pose a particular challenge. The enclosed, confined, high-traffic areas of an aircraft are particularly prone to soils and/or malodors from multiple sources: scuff marks, ink, crayon, newsprint, spilled food and drinks, sweat, lavatory odors. Just wiping and spraying with air freshener may be a temporary fix, but this is simply treating a symptom. Complete hygiene goes beyond wiping and air freshening, to eliminating the source of the malodor by effective cleaning and treating the bacteria that cause the malodors. Complete hygiene means curing the illness, not just treating the symptoms. By removing the source of the malodor, whether physically or by interrupting the process whereby odors are created, the problem can be solved for the longer term.

In addition to eliminating malodors, disinfection of areas prone to cross-contamination and the spread of germs ensures the cleaning process has been optimized.

## Why Celeste® Products?

**Synergism.** Celeste's products have been designed with decades of experience on component and finished product compatibility to ensure that all products work in tandem with each other to complement and enhance the efficacy of each.

**Component Compatibility** – In the aviation industry, ensuring that any product used on an aircraft complies with aviation standards is of prime importance. Many consumer products on the market today contain ingredients that – if used on a long term basis – can ultimately be damaging to materials used in aircraft construction. All of Celeste's products are tested to ensure that they meet the stringent standards required by the industry to protect the aircraft on which they are used as well as the user and the environment.

**Cleaning Compatibility** – Celeste's Interior Cleaner is not only an excellent all-purpose cleaner in and of itself, it leaves behind a protective barrier which not only enhances the efficacy of the disinfectant –but also prevents what is known as the “grunge” factor. This is the gradual buildup of cleaning materials on hard surfaces that over time make surfaces look tired, worn and grungy. Step two is the disinfection of areas prone to cross-contamination and the spread of germs. The third and final step – Biozyme EX3 - leaves behind bio-enzymatic agents for long term odor control and the prevention of mold and mildew accumulation. While each product can be used independently, when used together, these three products offer a three-pronged attack to clean, disinfect and deodorize, and to make subsequent cleaning efforts quicker and easier.

**Fragrance Compatibility** – The fragrances used in Celeste products are selected so that – when used together – the products do not compete with each other to create an overwhelming mix of scents, but are instead a low-key blend of fragrances designed to complement each other without overpowering the environment.



## CLEAN

Optimum cleaning performance depends on the combination of the particular soils that need to be cleaned as well as the unique surfaces that are being cleaned. ASTM D4488-95 Standard Guide for Testing Cleaning Performance stipulates

that testing criteria should include (a) relative ease of discriminability among cleaners, (b) reproducibility of test performed and (c) correlation of test results with consumer experience. Celeste's **INTERIOR CLEANER COMPLETE 85000** combines all of these criteria for an excellent multi-purpose cleaner, effective on a wide range of aircraft interior soils and surfaces including oils (from hands), tannins (from coffee, red wine, tea, sodas), scuff marks (from shoes and luggage), ink, pencil, lead, crayon and newsprint.

In keeping with Celeste's focus on user and aircraft safe products, Celeste's Interior Cleaner Complete is non-toxic, non-corrosive, non-damaging to sensitive entertainment system components and, most importantly, safe for cleaning crews. The product will not damage or craze plastic surfaces – including Lexan – upon extended use, and can even be used on glass and leather for a complete clean. Along with removing soils Interior Cleaner Complete 85000 lays down a state-of-the-art protective coating that makes subsequent cleanings quick and easy. Look for the BLUE label!



## DISINFECT

Celeste produces a line of Disinfectants under the Sani-Cide umbrella. The most popular is our original **SANI-CIDE** hospital grade disinfectant, an EPA registered germicide cleaner with excellent virucidal, fungicidal and tuberculocidal

activity. While cleaning removes all gross filth and soils from surfaces, disinfectants actually destroy the micro-organisms that breed on them. Certain areas in particular – bathrooms, door handles, tray tables, galley areas – are particularly prone to cross contamination. It is therefore of prime importance that these areas are maintained as germ free as possible, particularly in high traffic areas where such hazards are even greater. For a complete list of the bacterial, virucidal, fungicidal and tuberculocidal efficacy of both Sani-Cide and Sani-Cide line of products, refer to Celeste's Cleaning Manual, available from your Account Manager. Look for the RED label!



## DEODORIZE

We've heard the same question often: we clean all the time – why do we still have malodors? Malodors can arise from several areas throughout the aircraft: from the lavatory, to the galley to the cabin itself. In each case, the cause of the

malodor is the same: odor causing bacteria, invisible to the naked eye. When left untreated, these bacteria multiply rapidly, creating a biofilm and causing malodors to increase. While cleaning and disinfecting will help certain areas, other areas need an added boost: particularly hard to reach areas, lavatory areas, carpets, seating, seat belts, drains. **BIOZYME EX3** is a multi-purpose biochemical cleaner, deodorizer and fabric freshener uniquely formulated to attack tough malodor issues using a 3-pronged approach. Firstly, Biozyme EX3 immediately neutralizes malodors by binding to the odor causing compounds, making them less volatile. The product then replaces the malodors with a light, pleasant fragrance that infuses the air with a fresh, clean smell. As a final step, the product utilizes a myriad of selective, environmentally friendly spores to consume the odor causing organic material. As an added bonus, these friendly spores have the capability of lying dormant in a dry state until challenged with new organic materials. Look for the GREEN label!

**celeste**<sup>®</sup>  
Helping you create a great impression

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# How Are They Used?

These products can be used practically anywhere in the aircraft, and to make it easier we can provide a simple, easy-to-use checklist in a convenient 4" x 7" laminated card format, showing which product to use where. With just three products, you can Clean, Disinfect and Deodorize the Lavatory, Cabin Interior, Galley, Flight Deck and Crew Rest Area. For more detailed usage instructions, your Account Manager can provide a Cleaning Manual which includes usage instructions for each application, tips, and recommendations for companion products.

**celeste®**  
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<b>CLEAN</b> Interior Cleaner Complete	<b>DISINFECT</b> Sani-Cide	<b>DEODORIZE</b> Biozyme EX3

 **Celeste Interior Cleaner Complete**  
 **Celeste Sani-Cide 32**  
 **Celeste Biozyme EX3**

 **Microrbber - Blue** - recommended for cabin cleaning  
 **Microrbber - Red** - recommended for cabinroom area cleaning  
 **Microrbber - Green** - recommended for galley cleaning  
 **Celeste Heavy Duty Sponge**

LAVATORY	Recommended Application		
Toilet bowl & lid	CLEAN	DISINFECT	DEODORIZE
Lavatory thorough	CLEAN	DISINFECT	DEODORIZE
Mirror	CLEAN		
Sink & faucet	CLEAN	DISINFECT	
Sink drain			DEODORIZE
Walls, door, door handle, latch	CLEAN	DISINFECT	
Floor & floor mats	CLEAN		DEODORIZE
Waste bin, waste bin compartment	CLEAN	DISINFECT	DEODORIZE

**Companion Products:** Gly-Vanb, Celeste Air Fresheners, Flight Line® Soaps & Sanitizers

CABIN INTERIOR	Recommended Application		
Tray tables	CLEAN	DISINFECT	
Seat belts			DEODORIZE
Seat back & cushion (fabric)			DEODORIZE
Seat back & cushion (leather)	CLEAN		DEODORIZE
Arm rests	CLEAN	DISINFECT	
Seat frames, seat tracks, foot rests	CLEAN		
Windows	CLEAN		
Window shades	CLEAN		
Side walls, door panels, wall partitions	CLEAN		
Overhead bins, handles, ceiling & ceiling panels	CLEAN		
Passenger door trim	CLEAN		DEODORIZE
Carpets	CLEAN		DEODORIZE

**Companion Products:** Leather Conditioner & Protectant, Adhesive & Gum Remover, JetScan® Spray

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<b>CLEAN</b> Interior Cleaner Complete	<b>DISINFECT</b> Sani-Cide	<b>DEODORIZE</b> Biozyme EX3

GALLEY	Recommended Application		
Trolley storage compartments	CLEAN		
Waste bin compartments	CLEAN	DISINFECT	DEODORIZE
Coffee maker compartments	CLEAN		
Storage compartments	CLEAN		
Hot plate, oven compartment & oven exterior	CLEAN		
Water boiler compartment & water boiler	CLEAN		
Refrigerator compartments	CLEAN		
Food prep surfaces, counter tops	CLEAN	DISINFECT	
Sinks & faucets	CLEAN	DISINFECT	
Galley drain	CLEAN		
Latches	CLEAN		
Surrounding walls	CLEAN		
Waste bins & enclosures	CLEAN	DISINFECT	DEODORIZE

**Companion Products:** Oven Cleaner, Glyco-Sanit, Emergency Cleaning Kits

FLIGHT DECK	Recommended Application		
Beats, admin/hold	CLEAN		
Cup holders	CLEAN	DISINFECT	
Doors, walls	CLEAN		
Knobs	CLEAN		

CREW REST AREA	Recommended Application		
Walls	CLEAN		
Mirrors	CLEAN		
Phone	CLEAN	DISINFECT	
Floor	CLEAN		

**Companion Products:** Sani Comb® Towellets, Aerospace Lens Wipes, Flight Deck Wipes, Sani-Cide Wipes, 2 oz Hand Sanitizers

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**For more information and assistance with implementing a Clean, Disinfect, Deodorize with Program with color coding for your Airline, contact your Account Manager.**