

celeste®

SCRUBS®
Brand Wipes



DYKEM®
Brand



Chemical Solutions for the Aviation Industry

Product Guide



For more information, call your Aviall Rep at 1-800-AVIALL-1

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As the world of chemicals changes in general, and the cleaning industry seeks to become more environmentally conscious, an increasing number of products on the market today are labeled “green” or “environmentally friendly”. While there are several third-party certifiers – such as Green Seal – that will test a product and certify according to their own protocols and green specifications, for many years there was no universally established or agreed upon

regulation or guideline which companies could follow for making eco-friendly claims.

This changed with the US Federal Trade Commission's publication of the Green Guides, the most recent version of which was issued on 1st October, 2012. The Green Guides were established to ensure that any environmental product claims made by companies are not only non-deceptive but can also be substantiated.

In addition, several years ago, the US Environmental Protection Agency (EPA) implemented a Design for the Environment (DfE) program, working in partnership with industry, environmental groups, and academia to reduce risk to people and the environment by finding ways to prevent pollution. Through this program, the EPA has evaluated human health and environmental concerns associated with traditional and alternative chemicals and processes in a range of industries. These analyses have empowered hundreds of businesses to select safer chemicals and technologies. DfE focuses on industries that combine the potential for chemical risk reduction with a strong motivation to make lasting, positive changes. As part of the DfE initiative, GreenBlue[®] worked to develop the CleanGredients[®] database – *the online resource for green formulation[®]*. The database currently contains approved listings for surfactants, solvents, fragrances, and chelating agents.

At Celeste Industries, we not only seek to develop new products that meet very specific performance criteria, we also ensure that they meet environmental criteria that can be substantiated.

Celeste's environmentally friendly products – which you will find throughout our catalog marked with our Green Chemistry Symbol – meet the following environmental guidelines.

celeste[®]

Leading the way
in the science of
green cleaning



Low or no VOCs

VOCs – or Volatile Organic Chemicals – are carbon-based molecules that could vaporize under normal conditions and enter into the atmosphere. All Celeste's Green Leaf products remain within the VOC limits established by CARB (California Air Resource Board).



Low or no HAPs

According to the EPA Hazardous Air Pollutants (HAPs) or Toxic Air Pollutants are "...those pollutants that cause or may cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental and ecological effects." The US EPA lists 188 Hazardous Air Pollutants.



SARA Title 3

This is the Title III of the Superfund Amendments and Re-Authorization Act of 1986 – also known as the Emergency Planning and Community Right-to-Know Act. Celeste Green Leaf products do not contain chemicals reportable under this act.



No Known Carcinogens

Celeste Green Leaf product contain no known or suspected agents that cause cancer.



Use of Best Alternative Green Solvents

Celeste's solvent-based products are developed using only solvents that are listed in the US Environmental Protection Agency's DfE CleanGredients® database of solvents that are safer for the environment and demonstrate the following characteristics:

- Reduced hazards
- Lower or no toxicity
- Low VOC's
- Do not cause ozone depletion
- Low Global Warming Potential (GWP)
- Not environmentally persistent



Biodegradable

Celeste's Green Leaf formulations are all biodegradable, meaning that the solutions will completely breakdown and return to nature after customary disposal.

Celeste's creative, "out-of-the-box" thinking and commitment to green chemistry allows us to offer alternative cleaning solutions for products that are traditionally approached using solvents or petroleum as the starting point. This results in products that are not only safer for the environment, but are also infinitely safer for the end user.

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PF® Solvent
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Recirculation Tool—*For recirculation of Sani-Vak® G3 throughout lavatory system to resolve severe cases of scale and mineral buildup in vacuum lines*

Proportioning Tool—*Pumps Glyco-San® NG, at a consistent, proportioned rate, into a water supply*

Equipment.....continued

Waste Tank Cleaning Tool—*Dispenses the Sani-Vak® G3 inside a waste tank; onto the side walls and top of the vessel continuously for maximum cleaning*

Waste System Parts Washer—*Thoroughly circulates Sani-Vak® G3 around waste system/ tank parts of various sizes to remove scale safely and efficiently*

GLY-VAK®



| Part Number | Packaging | UOM |
|---|----------------|------------------|
| SPGVAKQT | Quart | Case: 12 bottles |
| SPGVAKGAL | Gallon | Case: 4 bottles |
| SPGVAK55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1550B, AIMS 09-00-002 | | |

State-of-the-art preventive maintenance chemical used to minimize or eliminate the formation of urine scale in vacuum toilet waste lines and tanks. By utilizing Gly-Vak® as a weekly or monthly cleaning task, operators can avoid the high costs that result from line blockages and aircraft diversions.

- Non-corrosive and user friendly
- No need for crushed ice
- Can be used on wing
- Clinging action creates staying power—even after 100 flushes
- Easy to incorporate into a routine maintenance or cleaning program

SANI-PAK® Powder



| Part Number | Packaging | UOM |
|---|----------------------|----------------------------|
| SP77006-24 | 6gm packets in jars | Case: 20/jar, 24 jars/cs |
| SP77006A | 6gm packets in boxes | Case: 100/box, 12 boxes/cs |
| SP77008 | 8gm packets in boxes | Case: 100/box, 12 boxes/cs |
| SP77080A | 80gm tubes | Case: 80 pieces |
| Test Refs: AMS 1476B, Boeing D6-17487, Air Canada 3125-00-002, Douglas Customer Service #3 | | |

Sani-Pak® is recognized worldwide as the benchmark in toilet deodorants. Sani-Pak features a non-staining, deep blue color, a pleasant fragrance and a unique additives package, designed to reduce “gunking” and tar buildup in recirculating toilet system lines and holding tanks. The single-use biodegradable packets are pre-measured for drop in convenience for treatment of toilets. Spills can be easily cleaned using a paste made up of NG Interior Cleaner Complete mixed with a color-safe bleach such as Oxi-Clean®.

- Unique additives package controls odors long term
- Reduces tar buildup in system lines and holding tanks
- Non-staining deep blue color
- Easily controllable and measurable delivery method
- Non-corrosive

SANI-PAK® Liquid—M Series



The Sani-Pak® brand is recognized worldwide as the

benchmark in aircraft lavatory chemical deodorants and Sani-Pak® liquid contains the latest in malodor counteractant technology, consistently outperforming competitive products in the areas of malodor control, ammonia generation, turbidity and tar buildup. Spills can be easily cleaned using a paste made up of NG Interior Cleaner Complete mixed with a color-safe bleach such as Oxi-Clean®.

- Unique additives package controls odors long term
- Reduces tar buildup in system lines and holding tanks
- Recommended usage is 1 part Sani-Pak liquid to 640 parts water
- Non-corrosive
- Non-staining deep blue color

| Part Number | Packaging | UOM |
|---|-----------------|------------------|
| SP97000-6ZD | 6 oz Bottle | Case: 12 bottles |
| SP97000QTD | Quart | Case: 12 bottles |
| SP97000-55D | 55 Gallon Drum | Individual drum |
| SP97000-275D | 275 Gallon Tote | Individual tote |
| Test Refs: AMS 1476B, Boeing D6-17487, Air Canada 3125-00-002, Douglas Customer Service #3 | | |

SANI-PAK® CLEAR Liquid



| Part Number | Packaging | UOM |
|---|-------------|------------------|
| SP97000-6ZC | 6 oz Bottle | Case: 12 bottles |
| Test Refs: AMS 1476B, Boeing D6-17487, Air Canada 3125-00-002, Douglas Customer Service #3 | | |

Recognized worldwide as the benchmark in toilet deodorants, Sani-Pak® is now available in a clear liquid with a pleasant fragrance and a unique additives package designed to control odors and reduce tar buildup in system lines and holding tanks. All Sani-Pak products have been the industry standard for both inherent malodors and generated malodors (including ammonia generation), as well as maintaining components and mechanical parts free from tar buildup.

Unlike other products in the industry, Sani-Pak products are not based on quaternary ammonium technology (which contributes to organic tar buildup) or on high loadings of fragrance to cover or mask malodors. Instead, they are made up of a unique balance of properties that result in application performance that is both safe and effective for today's aircraft.

- Unique additives package controls odors long term
- Reduces tar buildup in system lines and holding tanks
- No color added
- Non-corrosive
- Convenient 6 oz bottle for easy storage and use

SANI-TANK®



| Part Number | Packaging | UOM |
|-----------------------------|----------------|------------------|
| SP8000QT | Quart | Case: 12 bottles |
| SP8000GAL | Gallon | Case: 4 bottles |
| SP8000-5 | 5 Gallon Pail | Individual pail |
| SP8000-55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1550A | | |

Sani-Tank® is a highly effective, natural solvent that removes organic deposits from pump equipment, tank walls, and toilet bowls and prevents potential system clogging failure. It is particularly suited to recirculating toilets, especially those that experience severe malodors due to organic deposits on the tank walls or those that have been exposed to prolonged use of quaternary ammonium based lavatory chemicals—that have a tendency to exacerbate these deposits.

- Biodegradable and environmentally safe
- Dissolves tar adhesion and reduces toilet system malodor
- Contributes to extended component life
- Non-toxic

SANI-TANK® N



| Part Number | Packaging | UOM |
|---|-----------------|-----------------|
| SP8000NGAL | Gallon | Case: 4 bottles |
| SP8000N5 | 5 Gallon Pail | Individual pail |
| SP8000N55 | 55 Gallon Drum | Individual drum |
| SP8000N275 | 275 Gallon Tote | Individual tote |
| Test Refs: AMS 1550B, AMS 1476B, Boeing D6-17487 | | |

Formulated for both vacuum and recirculating toilets, as well as general hard surface cleaning, Sani-Tank® N has multiple uses. As a lavatory soak, Sani-Tank® N solubilizes and removes urine scale deposits in toilet lines, as well as removing light organic tar buildup in toilet lines and tanks. As a hard surface cleaner, Sani-Tank® N is effective at removing tannins, soap scum and other general soils.

- Non-alkaline
- Contains no phosphates
- Biodegradable
- Removes urine scale deposits in re-circulating toilets (a hidden cause of odors)

MICROGREEN™ AGR—ADHESIVE & GUM REMOVER



| Part Number | Packaging | UOM |
|----------------------------------|-------------|------------------|
| LS4500-6 | 6 oz Bottle | Case: 12 bottles |
| LS4500QT | Quart | Case: 12 bottles |
| Test Refs: Boeing D6-7127 | | |

A water based adhesive & gum remover that eliminates many of the issues faced by most of today's gum remover products. Celeste's MicroGreen™ AGR is not only highly effective at removing gum and adhesives, it is also 100% biodegradable and environmentally safe.

- No hazmat or dangerous goods shipping requirements
- No odor, non-staining
- Less than 10% VOCs
- Contains no dibasic esters
- Safe for use on carpets, fabric and leather seating
- Meets California Prop 65 and EU requirements
- 3-year shelf life

BIOZYME EX3



| Part Number | Packaging | UOM |
|---|-------------|------------------|
| LS7200-6 | 6 oz Bottle | Case: 12 bottles |
| LS7200QT | Quart | Case: 12 bottles |
| LS7200GAL | Gallon | Case: 4 bottles |
| Test Refs: AMS 1550B, Boeing D6-7127 | | |

A multi-purpose biochemical cleaner, deodorizer, and fabric freshener uniquely formulated to attack tough malodor issues using a 3-pronged approach: malodor neutralization, re-odorization with a light pleasant fragrance, and long term odor control. Speak to your Account Manager about incorporating Biozyme EX3 into a Complete Hygiene Program together with Sani-Cide EX3 and NG Interior Cleaner Complete.

- Safe for use on soft surfaces such as carpet, seatbelts, fabric and leather seating
- Ideal for hard to reach areas prone to malodors, particularly in and around toilets, behind toilet shrouds, in waste bins, etc
- NSF certified and hypoallergenic
- Useful for treating airsickness odor on seats and carpets
- Can be used in galley drains for odor control and drain maintenance
- Long term action also helps with mold and mildew on both soft and hard surfaces

BIOZYME ADVANCED CARPET CLEANER



| Part Number | Packaging | UOM |
|---|-----------|-----------------|
| LS2005GAL | Gallon | Case: 4 bottles |
| Test Refs: AMS 1631C, Boeing D6-7127 | | |

Celeste's Biozyme Advanced Carpet Cleaner provides the cleaning power necessary to remove embedded soils and organics, while the bioenzymatics penetrate deep into the carpet where they are activated by residual organics. These unique bioenzymatics have the ability to break down a wide range of organic soils, making the areas cleaner and less prone to mold and mildew odors.

- Superior cleaning with added benefit of long lasting odor control
- Biodegradable, user and environmentally friendly
- Leaves no sticky residue
- Certified by the Carpet & Rug Institute (CRI)
- Extraction cleaning with Biozyme Advanced Carpet Cleaner eliminates musty mildew odors and helps prevent their return.

LIQUID SCRUB DRAIN CLEANER



| Part Number | Packaging | UOM |
|--|-------------|------------------|
| LS5000A | 5 oz Bottle | Case: 12 bottles |
| LS5000GAL | Gallon | Case: 4 bottles |
| Test Refs: AIMS 09-00-002, Boeing D6-7127 | | |

Celeste's Liquid Scrub uses state-of-the-art oxygenated technology that is uniquely designed around the soil matrix typically found in galley drain clogs. It is safe, mild and essentially non-corrosive, effectively flowing to the clog location to begin its cleaning action. Ideal for clearing blocked or nearly blocked lines for routine preventive maintenance.

- Stops soil particle agglomeration
- Minimizes re-deposition of soil
- Breaks existing drain plugs
- Minimizes the chance for plugging
- Eliminates odor causing compounds

NEXT GENERATION INTERIOR CLEANER COMPLETE



| Part Number | Packaging | UOM |
|---|----------------|------------------|
| SP85000NG-6 | 6 oz Bottle | Case: 12 bottles |
| SP85000NGQT | Quart | Case: 12 bottles |
| SP85000NG-5 | 5 Gallon Pail | Individual pail |
| SP85000NG-55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1550B, Boeing D6-7127 | | |

An excellent multi-purpose, multi-surface cleaner effective on a wide range of aircraft interior soils and surfaces. NG Interior Cleaner Complete has exceptional cleaning power and anti-redeposition agents to provide a protective coating that makes subsequent cleanings easier and quicker. Also works as an effective glass cleaner, eliminating the need for a separate product for glass and plastic cleaning.

- Safe to use on: glass, mirrors, metal, plastics – including fire retardant thermoplastics, leather, fabric, and carpet
- Contains no solvents or VOCs
- Non-toxic, non-corrosive, non-damaging to sensitive entertainment system components
- Safe for cleaning crews and the environment
- Can be incorporated into Celeste's Color Coded Complete Hygiene Program along with Sani-Cide EX3 and Biozyme EX3

LEATHER CONDITIONER & PROTECTANT



| Part Number | Packaging | UOM |
|----------------------------------|---------------------|------------------|
| SP3500LTH | Quart | Case: 12 bottles |
| SP3500LTH5GL | 5 Gallon Pail | Individual pail |
| SP3500LTHWP | 150 Wipes in a Pail | Case: 6 pails |
| Test Refs: Boeing D6-7127 | | |

Celeste's Leather Conditioner & Protectant focuses on conditioning and protecting the leather surface to prevent soil re-deposition and extend seat life without drying or cracking the leather.

- Contains:
 - advanced conditioning agents, emollients and humectants to keep leather conditioned
 - UV and surface protectant agents
 - a mild, natural detergent for light cleaning
- Tub wipes clean, condition, and protect in one step
- One wipe cleans up to one row of three seats
- Fragrance free, solvent free
- Contains no VOCs

OVEN CLEANER



| Part Number | Packaging | UOM |
|-----------------------------|-----------|------------------|
| SP83000QTA | Quart | Case: 12 bottles |
| Test Refs: AMS 1550B | | |

Specifically designed for the soils found in aircraft ovens, Celeste's Oven Cleaner is a heavy duty cleaner specially formulated for tough grease and grime. Unlike other cleaners, Celeste's Oven Cleaner does not contain any caustics, amines or solvents, making it a much safer product to use as it will not leave these residuals behind.

- Environmentally and user friendly
- Glides on easily, rinses easily
- No unpleasant odor
- Non-irritating
- Non-aggressive
- Non-corrosive

SANI-CIDE EX3



| Part Number | Packaging | UOM |
|---|----------------|------------------|
| LSSCIDEX3-1 | 6 oz Bottle | Case: 12 bottles |
| LSSCIDEX3QT | Quart | Case: 12 bottles |
| LSSCIDEX3GAL | Gallon | Case: 4 bottles |
| LSSCIDEX3-55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1452, AMS 1550B, Boeing D6-7127 | | |

An EPA registered broad-spectrum disinfectant and multi-purpose cleaner. It offers a safe and effective approach to the disinfection of a variety of surfaces throughout the aircraft while cleaning multi-soils leaving behind a clean, streak and haze free surface.

- Safe to use on: glass, mirrors, metal, plastics – including fire retardant thermoplastics, leather, fabric, and carpet
- Can be incorporated into Celeste's Color Coded Complete Hygiene Program along with NG Interior Cleaner Complete and Biozyme EX3
- Effective broad-spectrum disinfection

SANI-CIDE FSC



| Part Number | Packaging | UOM |
|--|----------------|------------------|
| LSFSCQT | Quart | Case: 12 bottles |
| LSFSCGAL | Gallon | Case: 4 bottles |
| LSFSC55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1550B, AMS 1452B, Boeing D6-7127 | | |

An EPA registered sanitizer designed primarily for surfaces that have contact with food where sanitization is of prime importance. Unlike most disinfectants and sanitizers used in these areas, Sani-Cide FSC DOES NOT require rinsing, even after use on a food contact surface, making it the optimum sanitizer when time is premium. Ideal for food prep areas and beverage dispensing equipment.

- No rinsing required
- Eliminates odors without leaving grit or soap scum
- Contains no phosphorus
- Ideal for sanitization of potable water connections, hoses, and faucets
- Kills 99.999% of bacteria including *Staphylococcus aureus*, *E.coli*, *Listeria monocytogenes*, *Salmonella (typhi) enterica* and *Shigella dysenteriae*

GLYCO-SAN® NG



| Part Number | Packaging | UOM |
|-----------------------------|----------------|-----------------|
| SWGSNGGAL | Gallon | Case: 4 bottles |
| SWGSNG5 | 5 Gallon Pail | Individual pail |
| SWGSNG55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1550B | | |

A biodegradable, non-corrosive cleaner and EPA registered disinfectant that removes scale and organic buildup typically found in potable water tanks, lines, and automatic coffee maker systems. The active ingredient in Glyco-San® NG is considered one of the safest antimicrobial agents from both a human health and environmental perspective. Coupled with Celeste's proprietary blend of surfactants, Glyco-San® NG penetrates the multiple layers that form the scale that harbors bio-film, lifting them away from the walls of the system and emulsifying them for a thorough cleaning and disinfection.

- When used as directed, effective against *Staphylococcus aureus*, *Salmonella enterica* and *E. coli*
- Can be used as disinfectant cleaner
- Ideal for shop cleaning of coffee maker and potable water components

VALUE WASH AIRCRAFT EXTERIOR CLEANER



Value Wash incorporates the latest technology and offers a blend

of benefits and functionality with excellent overall system economics not easily found in the industry today. This environmentally friendly product is non-solvent based, non-irritating, safe for workers, and has no unpleasant odor.

- Non-aggressive, non-corrosive
- No flashpoint
- Effective on a wide range of soils
- Easy rinsability
- Adjustable dilution (neat up to 1:19) depending on cleaning required

| Part Number | Packaging | UOM |
|---|--------------------------|-------------------|
| SP86000VGAL | Gallon | Case: 4 bottles |
| SP86000V5 | 5 Gallon Pail | Individual pail |
| SP86000V55 | 55 Gallon Drum | Individual drum |
| SP86000V275 | 275 Gallon Tote | Individual tote |
| SP416 | Faucet for 5 Gallon Pail | Individual faucet |
| Test Refs: AMS 1526B, Boeing D6-17487, Douglas CSD #1 Type 1 | | |

NEXT GENERATION DRY ELITE®



| Part Number | Packaging | UOM |
|---|----------------|-----------------|
| SP86000D3GL | Gallon | Case: 4 bottles |
| SP86000D3-5 | 5 Gallon Pail | Individual pail |
| SP86000D3-55 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1530C, AMS 1532D, AIMS 09-00-002, Boeing D6-17487 | | |

A water-based based dry wash and polish with an enhanced global green profile that is exceptionally effective on grease and heavy carbon. As a non-petroleum based product, NG Dry Elite® has no bad odor and works in all weather conditions, including rain and humidity, without sacrificing efficacy.

- Phosphate free, low VOCs
- Non-flammable, non-toxic, non-hazardous
- Does not generate dust or harsh odors; non-irritant
- Contains no abrasives
- Excellent performance on buildup of hydraulic fluid, carbon, grease/oil deposits and accumulation, organic compounds
- Non-streaking

SANI-COM®



| Part Number | Packaging | UOM |
|-----------------------|--------------------|-------------------------------|
| SC3205 | Single use packets | Case: 200 / box, 6 boxes / cs |
| SC3205C | Single use packets | Case: 1,200 / cs bulk packed |
| Test Refs: N/A | | |

Introduced over 35 years ago, Sani-Com® was originally designed as a single use towelette for telecommunications and respiratory equipment cleaning. At the request of our customers, the product has since been tested and approved for use as a hand sanitizer. The perfect multi-purpose towelettes.

- Mild, quick drying solution
- Refreshing fragrance
- Kills 99.999% of bacteria when used as a hand sanitizer
- Packet size: 2 x 3 inches
- Towelette size: 8 x 5.5 inches

SCRUBS® DO-IT-ALL™ GERMICIDAL CLEANER WIPES



| Part Number | Packaging | UOM |
|-----------------------|--------------------|-------------------|
| 98028 | 90-count canister | Case: 6 canisters |
| 98001 | Single use packets | Case: 100 packets |
| Test Refs: N/A | | |

Disinfects and deodorizes in one easy step with an effective bactericidal, virucidal and tuberculocidal formula. Effective against a broad spectrum of micro-organisms, including MRSA, Norovirus, H1N1, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella enterica* and *E. coli*.

- Towelette size: 6 x 10.5 inches
- Material: 100% smooth spunlace nonwoven polyester
- Light lemon fragrance
- Biodegradable, no VOCs

AEROSPACE LENS WIPE



| Part Number | Packaging | UOM |
|-----------------------|--------------------|---------------------------------|
| TRLCA | Single use packets | Case: 1,200 / cs bulk packed |
| Test Refs: N/A | | |

Designed specifically for use on glass and clear plastic surfaces, as well as video screens. This is a low odor, non-streaking formulation that dries quickly, leaving the surface clean and clear.

- Non-streaking
- Quick drying
- Safe for use on eye glasses; should not be used on contact lenses
- Anti-static
- Packet size: 2 x 3 inches
- Towelette size: 8 x 5.5 inches

FLIGHT DECK WIPE



| Part Number | Packaging | UOM |
|-----------------------|--------------------|---------------------------------|
| TRFDW3 | Single use packets | Case: 1,800 / cs bulk packed |
| Test Refs: N/A | | |

A larger wipe that can be used to clean any hard surface where disinfection is not required. Can be used in any cockpit or cabin surfaces.

- Packet size: 3 x 4 inches
- Towelette size: 8 x 8.5 inches

INTERIOR CLEANER COMPLETE WIPES



| Part Number | Packaging | UOM |
|--------------------------------------|---------------------|------------------|
| SP85000WP | 20 Wipes in a Pouch | Case: 25 pouches |
| Test Refs: AMS 1550B, Boeing D6-7127 | | |

An excellent multi-purpose, multi-surface cleaner effective on soils found on a wide range of aircraft interiors. Contains anti-redeposition agents to provide a protective coating that makes subsequent cleanings easier and quicker.

- Contains no solvents or VOCs
- Non-toxic, non-corrosive
- Non-damaging to sensitive entertainment system components
- Safe for cleaning crews
- Effective glass cleaner; eliminates need for a separate product for glass & plastic cleaning
- Convenient and easy-to-use

DEEP CLEANING SPONGE



| Part Number | Packaging | UOM |
|-----------------------|-------------------|-------------------|
| SPS35 | 3 x 5 inch sponge | Case: 450 sponges |
| SPS3542 | 3 x 5 inch sponge | Case: 42 sponges |
| Test Refs: N/A | | |

A specially designed, two-part sponge for use with Celeste's Interior and Exterior Cleaners. Offered in an "easy to hold" 3 x 5 inch size, this 1 inch thick sponge is composed of a deep scrubbing surface (white side) and an absorbent mop-up surface (blue side). This unique combination removes a myriad of tough stains and marks from tray tables, overhead luggage bins and other hard plastic surfaces. The combination is gentle on plastic and will not cause the type of surface damage that can be seen with abrasive pads.

- Removes marks caused by newsprint, crayon, juice, soda, coffee, rubber, ink, and graphite
- Ideal for removing luggage scuff marks on overhead bins
- Sponge size: 3 x 5 inches (7.6 x 12.7 cm)

MICROFIBER CLOTHS—Traditional Microfiber



| Part Number | Packaging | UOM |
|-----------------------|-------------------------|------------------------------|
| SPS1616YW1 | 16" x 16" towel, yellow | Case: 12 pcs/ bag, 4 bags/cs |
| SPS1616BL1 | 16" x 16" towel, blue | Case: 12 pcs/ bag, 4 bags/cs |
| SPS1616GR1 | 16" x 16" towel, green | Case: 12 pcs/ bag, 4 bags/cs |
| Test Refs: N/A | | |

Celeste's generously sized and heavier weight microfiber cloths are made from 70% polyester and 30% polyamide. These microfibers have excellent cleaning qualities, and are lint free, washable and re-usable. Ideal for use as part of Celeste's Color Coded Complete Hygiene Program along with NG Interior Cleaner Complete, Sani-Cide EX3, and Biozyme EX3.

- 16 x 16 inches, 300 gsm
- Lint free
- Washable / re-usable

INTERIOR & EXTERIOR CLEANERS—Applicators

NG DRY ELITE® APPLICATOR SYSTEM



Above: Applicator sponge

Below: Removal/buffer pad



To maximize ease of use, all sponges attach via a customized backing.

| Part Number | Packaging | UOM |
|-----------------------|--|------------------|
| SP86000DMK | 1 x telescoping pole 1 x 9" mop head | Case: 1 kit |
| SP86000DMK1 | 1 x telescoping pole 1 x 18" mop head | Case: 1 kit |
| SP86000DMH | 9" Mop head | Individual unit |
| SP86000DMH1 | 18" Mop head | Individual unit |
| SP86000DAP | Applicator sponge | Case: 25 sponges |
| SP86000DMS | Deep cleaning sponge | Case: 25 sponges |
| SP86000DBF | Removal/buffer pad | Case: 40 pads |
| Test Refs: N/A | | |

A unique applicator system designed to achieve optimum performance when used with Celeste's NG Dry Elite® Dry Wash & Polish. The system includes an extending pole, a customized multi-layer mop head for varied amounts of dirt and grease, and a microfiber laminated sponge for removal and buffing.



MOPPITT DISPENSER AND CLEANING CARTRIDGES



| Part Number | Packaging | UOM |
|---|--------------------|-----------------|
| TR50500000 | MOPPITT Dispenser | Case: 3 units |
| TR60600000 | Storage Bag | Case: 3 bags |
| TR10201210 | Cartridge (NG-ICC) | Case: 100 units |
| Test Refs: AMS 1550B, Boeing D6-7127 | | |

The MOPPITT Dispenser eliminates the need for cleaning crews or Flight Attendants to touch messes in the lavatory or galley to clean them up. The Cleaning Cartridges that accompany the MOPPITT have been filled with Next Generation Interior Cleaner Complete. Together they provide an efficient way to clean flooring, tray tables, toilets, etc. without the user having to touch messes directly.

- Adjustable handle and hand held Cartridges allow for versatile cleaning
- Light weight and easy to use
- Cleaning Cartridges are fully recyclable with a biodegradable option

EMERGENCY CLEANING KITS



| Part Number | Packaging | UOM |
|-----------------------|----------------|---------------|
| TRDCK25BH1 | Bio-hazard Kit | Case: 25 kits |
| TRDCK25-2 | Standard Kit | Case: 25 kits |
| Test Refs: N/A | | |

Ideal for travel sickness and other spillage situations with everything needed for clean up and disposal in a conveniently sized package. Can be used for either regular or bio-hazard clean up.

- Standard Kit contains: rubber gloves, Sani-Sorb super absorbent packets, card scooper, germicidal cloth packets, wiping cloths, refresher towelettes, plastic disposal bag, and twist-tie
- Bio-hazard Kit includes standard kit contents plus an additional pair of gloves and a plastic bio-hazard bag

SANI-SORB



| Part Number | Packaging | UOM |
|-----------------------|------------------------|---------------------------|
| TRSORB10 | 10 gm packets in boxes | Case: 50/box, 12 boxes/cs |
| Test Refs: N/A | | |

A super absorbent powder pack capable of absorbing—and retaining—several hundred times its mass in liquid, Sani-Sorb transforms unwanted liquid spills and wastes into a solid, easy-to-handle form.

- Non-toxic and environmentally friendly
- One 10 gm packet will absorb 1 liter of bulk liquid

AIRSICK BAGS



| Part Number | Packaging | UOM |
|-----------------------|------------------------------------|------------------|
| TRASB1 | White kraft paper airsickness bags | Case: 1,000 bags |
| Test Refs: N/A | | |

Airsickness bags made of high quality kraft paper with a winged side closure and an inner coating for excellent leakage prevention.

- 8.85 x 4.52 x 2.36 block bottom airsickness bags
- 68 gsm white kraft paper with 38 gsm pe coat

COLOR CODED CLEANING



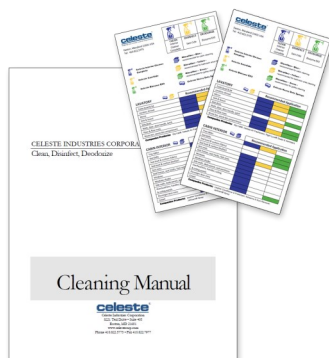
Products:

- NG Interior Cleaner Complete, Sani-Cide EX3, Biozyme EX3

Test Refs:

- See individual products

Speak with your Area Sales Manager to find out how Celeste can help you implement a color coded Complete Hygiene program to Clean, Disinfect and Deodorize your aircraft interior. The program comes complete with Cleaning Manual, color coded products (cleaners, microfibers) and easy-to-use checklists showing product usage recommendations for optimum cleaning results for every area of the aircraft interior.



JETSCENT® PUMP SPRAY



| Part Number | Packaging/Fragrance | UOM |
|-----------------------|-----------------------------|------------------|
| LS6900U2 | 2 oz bottle—Lemon Joy | Case: 60 bottles |
| LS6800C | 6 oz bottle Clean & Pure | Case: 12 bottles |
| LS6800L | Lemon Grass | Case: 12 bottles |
| LS6800Z | Outdoor Fresh Eucalyptus | Case: 12 bottles |
| LS68001AC | Apple Cinnamon | Case: 12 bottles |
| LS68001LV | Lavender | |
| LS6900FB | Fresh Breeze | Case: 12 bottles |
| LS6900GA | Green Apple | Case: 12 bottles |
| LS6900U | Lemon Joy | Case: 12 bottles |
| Test Refs: N/A | | |

A fast acting air freshener with odor counteractant available in two sizes and several fragrance options. Custom fragrances are available upon request for volume purchases.

- Fragrances can be coordinated with Flight Fresh disc fragrances
- Odor counteraction

JETSCENT® GEL DISC AND BRACKETS



| Part Number | Packaging | UOM |
|-----------------------|---|-----------------------|
| SD5600C | Gel Disc—Clean & Pure | Case: 25 units |
| SD5600U | Gel Disc—Fresh Breeze | Case: 25 units |
| SDBRACKET | Standard bracket with adhesive backing | Individually packaged |
| SDBRACKETNS | Bracket with “No Smoking” symbol and adhesive backing | Individually packaged |
| SDBRACKET0 | Standard bracket with mounting holes | Individually packaged |
| SDBRACKETNS | Bracket with “No Smoking” symbol and mounting holes | Individually packaged |
| Test Refs: N/A | | |

A polymer gel that offers consistent fragrance release

throughout the life of the product. As the fragrance releases, the gel evaporates acting as the perfect replacement indicator. Celeste's brackets can be used for both Flight Fresh® Deodorant Discs and JetScent® Gel Discs and are available in stainless steel as an open front bracket or with a “No Smoking” symbol on the front.

- Last up to 30 days
- Built in replacement indicator
- Consistent fragrance release throughout the life of the product

FLIGHT FRESH® DEODORANT DISCS



| Part Number | Packaging/Fragrance | UOM |
|-----------------------|--------------------------|----------------|
| SD5500AC | Apple Cinnamon | Case: 25 discs |
| SD5500BN | Blue Night | Case: 25 discs |
| SD5500G | Green Apple | Case: 25 discs |
| SD5500LV | Lavender | Case: 25 discs |
| SD5500M1 | Lime | Case: 25 discs |
| SD5500U | Fresh Breeze | Case: 25 discs |
| SD5500V | Lemon Joy | Case: 25 discs |
| SD5500Y | Lemon Grass | Case: 25 discs |
| SD5500Z | Outdoor Fresh Eucalyptus | Case: 25 discs |
| Test Refs: N/A | | |

Specifically designed for use in lavatories, galleys, cabin interiors or any closed area where air freshening is needed. Flight Fresh® Deodorant discs are specially formulated with a long lasting active deodorant to provide continuous, effective odor control for up to thirty days.

- Lasts up to 30 days
- Strong fragrances
- Multiple fragrance options—can be coordinated with JetScent® spray fragrances

SUPER DEODORANT PACKET



| Part Number | Packaging | UOM |
|-----------------------|----------------------|----------------------------|
| SD7500 | Super D Packets, box | Case: 150/box, 12 boxes/cs |
| Test Refs: N/A | | |

An odor mask which offers an intense fragrance of short duration. Easy to use—just tear open packet and place near malodor.

- Last up to 12 hours
- Intense fragrance, short duration
- Perfect “quick fix” product for emergency situations

FLIGHT LUXE® HAND SOAPS



| Part Number | Packaging | UOM |
|-----------------------|---|---------------------|
| TRBR10WE | Liquid hand soap, Almond fragrance, white pearl, snap-in bottom, antibacterial, 9.6 oz | Case: 32 bottles |
| TRBR10WF | Clear blue, antibacterial foaming hand soap, Spring Water Clean fragrance, snap-in bottom, 8 oz | Case: 32 bottles |
| TRBR10GALGL | Liquid soap, Almond fragrance, white pearl, gallon bottle | Case: 4 bottles |
| TRBR10GALB | Liquid soap, Almond fragrance, pink pearl, gallon bottle | Case: 4 bottles |
| Test Refs: N/A | | |

An elegant solution to lavatory and galley soap delivery problems, Celeste's above the counter patented system eliminates the mess associated with unhygienic soap bars and hard-to-maintain under-the-counter systems. Soaps offered include high quality crème soap or an easy rinsing foaming soap offering a rich, dense lather.

- Multiple soap options including: clear, pearl, liquid, foaming, antibacterial
- Bottles made from recyclable material
- Reliable pump performance
- Multiple base options
- Multiple customization options including: label, collar, fragrance, soap/air freshener fragrance match (Minimum order qty may apply. Contact your Account Manager for more information.)

FLIGHT LUXE® JETSCENT® SOAP



| Part Number | Packaging | UOM |
|----------------|----------------------|---------------------|
| TRBR10JS1 | 8 oz snap-in bottle | Case: 32 bottles |
| TRBR10JSTH | 8 oz threaded bottle | |
| Test Refs: N/A | | |

Celeste's JetScent® soap is a unique system that meets two needs in one product: clean hands and odor control. The deodorizer—a high performance fragrance collar—lasts as long as the soap and is automatically replaced with a fresh bottle of soap for a one-step change, offering renewed fragrance with each new bottle of soap. Standard offering is a blue pearl antibacterial foaming hand soap with Spring Water Clean fragrance.

- Bottles made of recyclable material
- Reliable pump performance
- Multiple base options
- Multiple soap options including: clear, pearl, antibacterial
- Multiple customization options including: label, collar, fragrance, soap/air freshener fragrance match (Minimum order qty may apply. Contact your Account Manager for more information.)

SAFEHANDS® HAND SANITIZERS



| Part Number | Packaging | UOM |
|-----------------------|--|------------------|
| TRBR40 | Alcohol gel sanitizer, 9.6 oz snap-in bottle | Case: 32 bottles |
| TRBR40CIC2 | Alcohol free gel sanitizer, 9.6 oz snap-in bottle | Case: 32 bottles |
| TRBR40SAFF | Alcohol foaming sanitizer, 8 oz snap-in bottle | Case: 32 bottles |
| TRBR40CICA2 | Alcohol free foaming sanitizer, 8 oz snap-in bottle | Case: 32 bottles |
| TRBR40CICT | Alcohol free foaming sanitizer, 8 oz threaded bottle | Case: 32 bottles |
| TRBR02CIC2 | Alcohol free foaming sanitizer, 1.7 oz bottle | Case: 66 bottles |
| Test Refs: N/A | | |

Available in the same system as our Flight Luxe® hand soaps, our multiple option SafeHands® hand sanitizers all include emollients to leave hands feeling soft without drying them out.

- Bottles made of recyclable material
- Reliable pump performance
- Multiple sanitizer options including: gel or foaming, with or without alcohol
- Multiple base options
- Multiple customization options including: label, collar, fragrance (Minimum order qty may apply. Contact your Account Manager for more information.)

SAFEHANDS® JETSCENT® HAND SANITIZER



| Part Number | Packaging | UOM |
|------------------------|---|------------------|
| TRBR40JS series | Alcohol free foaming sanitizer, 8 oz bottle | Case: 32 bottles |
| Test Refs: N/A | | |

SafeHands® JetScent® sanitizer is a unique system that meets two needs in one product: clean hands and odor control. SafeHands® hand sanitizers include emollients to leave hands feeling soft without drying them out. The JetScent® deodorizing fragrance collar lasts as long as the sanitizer and is automatically replaced with a fresh bottle of sanitizer for a one-step change, offering renewed fragrance with each new bottle.

- Alcohol or non-alcohol foaming hand sanitizer
- Bottles made of recyclable material
- Reliable pump performance
- Multiple base options
- Multiple customization options including: label, collar, fragrance (Minimum order qty may apply. Contact your Account Manager for more information.)

BASE ASSEMBLIES

| Part Number | Packaging | UOM |
|---------------------|--|-----------------------|
| TRBASE125 | Counter mounted base with 12° angle for bottles with threaded bottom. Black. Individually packaged | Individually packaged |
| TRBASE125C | Counter mounted base with 12° angle for bottles with snap-in bottom. Black. Individually packaged | |
| TRBASE125C-G | Counter mounted base with 12° angle for bottles with snap-in bottom. Grey, black insert. Individually packaged | |
| TRBASE125G1 | Counter mounted base with 12° angle for bottles with threaded bottom. Grey. Individually packaged | |
| TRBASE125W | Counter mounted base with 12° angle for bottles with threaded bottom. White. Individually packaged | |
| TRB00BCN | Counter mounted base with 0° angle for bottles with threaded bottom. Black. Individually packaged | |
| TRB12BCA | Counter mounted base with 12° angle for bottles with threaded bottom. Black. Anti-theft. Individually packaged | |
| TRB35BCN | Counter mounted base with 35° angle for bottles with threaded bottom. Black. Individually packaged | |
| TR3057S | Adapter that converts base from threaded to snap-in | |

The base assembly options for the soap and sanitizer systems are multiple and varied, the choice depends on space availability, personal preference, and if they are being retrofitted or installed new. Options include angled or upright; counter, flush, or wall mount; standard or anti-theft. Speak with your Account

REFRESHER TOWELETTES







| Part Number | Packaging | UOM |
|-----------------------|--|---------------------------|
| RT7810CL4 | Refresher Towelettes—Citrus Fragrance, box | Case: 60/box, 20 boxes/cs |
| Test Refs: N/A | | |

This self-enclosed, high quality, towelette offers all the luxury of the hot towel service in the convenience of a pre-packaged towelette. Unlike the vast majority of towelettes on the market today, Celeste's Refresher Towelette is made of a soft polyester/rayon blend in an extra generous size and is infused

- Extra large towelette in soft rayon/ polyester blend
- Towelette size: 7.25 x 8.5 inches
- Customizable packet for volume purchases
- Packet size: 3 x 4 inches





















PACKAGING ICONS

-  DETEX™ - Contains metal detectable aerosol plastic components
-  Oversized E-Z Spray Nozzle
-  Power Blast Spray: High spray delivery application
-  Inverta Spray Valve: For hard-to-reach areas, this valve allows you to spray in upright and inverted positions

ENVIRONMENTAL ICONS

-  A product with no VOC (Volatile Organic Compounds) content based on Federal Consumer Product Regulations
-  A product with VOC content ≤10% based on Federal Consumer Product Regulations
-  Meets California Air Resources Board (CARB) VOC regulations for consumer products
-  Meets 2006 Ozone Transport Commission (OTC) model rules for consumer products
-  No hazardous air pollutants

PRODUCT ICONS

-  NSF® Nonfood Compounds Registration: NSF® is a continuation of the USDA product approval and listing program for chemical products which can be used in food plants
-  Acceptable for use in Canadian Food Processing Establishments
-  Biodegradable contents
-  No chlorinated solvents
-  Non-conductive
-  Non-flammable
-  Low toxicity
-  Product is safe to use on plastics
-  PTFE (polytetrafluoroethylene): reduces friction, wear, and energy consumption of machinery
-  Products which do not contain silicone
-  Displaces moisture
-  Product can withstand low temperatures
-  Product can withstand high temperatures
-  Product can withstand extreme pressures
-  Meets NLGI (National Lubricating Grease Institute) standards
-  Meets NLGI (National Lubricating Grease Institute) standards
-  Fast evaporating product
-  Product leaves no residue after use
-  Product has no odor
-  Product has very little odor

SANI-VAK® G3



| Part Number | Packaging | UOM |
|--|--|------------------|
| SPVAKG355 | 55 Gallon Drum | Individual drum |
| SP170-60Z | 6 oz Anti Foamer <i>Use with Sani-Vak® G3</i> | Case: 12 bottles |
| Test Refs: Airbus AIMS 09-00-002, ASTM F483 | | |

Sani-Vak® G3 was designed for the most severe cases of scale buildup in vacuum lines, where scale buildup has reached a thickness of 6mm (1/4") or more. This product can be used as a remediation chemical that is applied via recirculation using Celeste's Recirculating Tool, precluding the need for dismantling of the lavatory system to resolve buildup and blockage issues.

- Only product safe on aluminum, passing both immersion and sandwich corrosion testing
- Safe enough to use on-wing
- Non-hazardous, user friendly
- Biodegradable

HEAVY DUTY CLEANER/DEGREASER



| Part Number | Packaging | UOM |
|--|---------------|------------------|
| SP86000CHD | Quart | Case: 12 bottles |
| SP86000CHD5 | 5 Gallon Pail | Individual pail |
| Test Refs: AMS 1526B, Boeing D6-17487, Douglas CSD #1, Type 1 | | |

Celeste's Heavy Duty Cleaner/Degreaser is a concentrated cleaner that effectively removes heavy soils such as grease and carbon from hard to clean surfaces. The flexible dilution levels allow for easy, cost effective adjustments depending on the level of cleaning required, while the water based technology makes it safe for use on all materials.

- Water based, contains no solvents
- User and environmentally friendly
- No unpleasant odor, non-irritating
- Non aggressive, non-corrosive
- Can be diluted up to 1:50
- Low foaming (*not designed for use in a foamer*)
- Effective on a wide range of soils including carbon, grease, oil, and grime

SCRUBS® HAND CLEANER TOWELS



| Part Number | Packaging | UOM |
|-----------------------------------|--------------------|-------------------|
| 42272 | 72-count bucket | Case: 6 buckets |
| 42230 | 30-count canister | Case: 6 canisters |
| 42201 | Single use packets | Case: 100 packets |
| Test Refs: Boeing D6-17487 | | |

SCRUBS® Hand Cleaner Towels combine an advanced cleaning formula with a strong, absorbent, dual-textured towel to thoroughly and gently clean hands in one step ANYWHERE, ANYPLACE, ANYTIME®. The cleanser quickly loosens and dissolves soils while the Rough Touch® blue towel's mild abrasive action removes and traps them. Hands feel clean and smooth without rinsing.

- Effectively remove industrial soils, including dirt, oil, grease, tar, paint, epoxy, sealant, asphalt, caulk, dye, lubricant, adhesive, ink, carbon
- Can also be used to clean tools and equipment
- Portable and convenient
- 10" x 12" (25.4 x 30.48 cm) towels, recyclable melt-blown polypropylene
- Biodegradable formula with no reportable VOCs

EM-CITRO —EMULSION DEGREASER



| Part Number | Packaging | UOM |
|-----------------------------------|-------------------|-----------------|
| 02820 | 15 oz aerosol can | Case: 12 cans |
| 02805 | 5 Gallon Pail | Individual pail |
| 02855 | 55 Gallon Drum | Individual drum |
| Test Refs: Boeing D6-17487 | | |



- VOC compliant in all 50 states
- Neutral pH with no caustics, acids, chlorinated solvents, alcohols, or ozone depleting solvents
- Heavy-duty, citrus-based, degreaser that quickly removes oil, grease, tar, and grime from metal parts and equipment
- Nonfood Compounds Program Listed Category Code: C1
Registration #138552 (Aerosol), #138551 (Bulk)

A- 151—SOLVENT/DEGREASER



| Part Number | Packaging | UOM |
|--|-------------------|-----------------|
| 04320 | 15 oz aerosol can | Case: 12 cans |
| 04305 | 5 Gallon Pail | Individual pail |
| 04355 | 55 Gallon Drum | Individual drum |
| Test Refs: Airbus ABR 9-0140 Issue 5A Type I, ASTM F-945, Boeing D6-17487*, Embraer EMB 120 Brasilia C.P.M.-120/1 181 Type B-1, Learjet LES 1239J, McDonnell Douglas CSD #1 | | |

*does not pass acrylic crazing



- Controlled evaporation
- Ideal for parts washers, dip tanks, and ultrasonic cleaners
- No chlorinated solvents, non-conductive, low odor
- Removes oil, grease and other contaminants
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: C1
Registration #059811 (Aerosol); #059812 (Bulk)

EVR—CLEAN AIR SOLVENT DEGREASER



| Part Number | Packaging | UOM |
|---|-------------------|-----------------|
| 05220 | 14 oz aerosol can | Case: 12 cans |
| 05201 | Gallon | Case: 4 cans |
| 05205 | 5 Gallon Pail | Individual pail |
| 05255 | 55 Gallon Drum | Individual drum |
| Test Refs: Airbus ABR 9-0140 Issue 5A Type I, Boeing D6-17487* | | |

*does not pass paint softening test



- VOC compliant in all 50 states
- High solvent strength
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Ideal for cleaning metals
- No ozone depleting compounds
- Nonfood Compounds Program Listed Category Code: C1
Registration #141139 (Aerosol)

F-104° —SOLVENT DEGREASER



| Part Number | Packaging | UOM |
|---|-------------------|-----------------|
| 04920 | 15 oz aerosol can | Case: 12 cans |
| 04905 | 5 Gallon Pail | Individual pail |
| 04955 | 55 Gallon Drum | Individual drum |
| Test Refs: Airbus ABP 8-1294 Type I, Airbus ABR 9-0140 Type I, Boeing D6-17487*, Learjet LES 1239J | | |



*does not pass acrylic crazing

- No chlorinated solvents
- Minimal residue
- No rinsing
- Safe to use on most surfaces
- Controlled evaporation
- Heavy-duty degreaser with a 104°F (40°C) flash point

INSTANT SUPER DEGREASER



| Part Number | Packaging | UOM |
|---|-------------------|---------------|
| 00720 | 20 oz aerosol can | Case: 12 cans |
| Test Refs: Airbus ABR 9-0140 Issue 5A Type I, Boeing D6-17487*, McDonnell Douglas CSD #1 | | |

*does not pass acrylic crazing



- Removes grease, dirt, and tar
- Non-flammable and non-conductive
- Does not contain chlorinated solvents
- Fast evaporating, no rinse, no residue
- Safe on all metals
- Nonfood Compounds Program Listed Category Code: C1
Registration # 129029 (Aerosol)

INSTANT SUPER DEGREASER 2.0



| Part Number | Packaging | UOM |
|--|-------------------|-----------------|
| 07220 | 20 oz aerosol can | Case: 12 cans |
| 07255 | 55 Gallon Drum | Individual drum |
| Test Refs: Airbus UK-ABR 9-0140 Issue 6 Type 1, Boeing D6 -17457* | | |



*does not pass acrylic crazing

- Non-flammable – can be used on or near energized equipment. This improves safety and reduces downtime associated with de-energizing equipment
- Non-brominated – improved health and safety profile for increased worker safety and simplified employer compliance
- Fast(er) Evaporation – quickens clean-up time. Improves productivity and reduces downtime
- No Rinsing/No Residue – no wiping or rinsing prior to next production step, reduces time and labor
- Heavy-duty Performance – removes oil, grease, dirt, and tar with less cleaner, saving money.
- Non-conductive – can be used on or near energized equipment, eliminating equipment downtime
- Power Blast Spray – blasts away dirt, oil, and other residues for quicker cleaning (increased

PF® – 141 IG—INDUSTRIAL GRADE SOLVENT



| Part Number | Packaging | UOM |
|---|----------------|-----------------|
| 62855 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1526B, ARP 1755B, Boeing D6-17487, McDonnell Douglas CSD #1, MIL-PRF-680B Type II | | |



- Non-corrosive to metals such as copper, aluminum, magnesium, and stainless steel
- Will not attack most commercial resins, plastics, urethanes, and synthetic rubbers
- Excellent for use in parts washers
- No ozone depletion potential
- Flash point above 140°F (60°C)
- Removes petroleum based oils such as stamping oils, cutting fluids, rust inhibitors, and cable pulling lubricants

PF® SOLVENT



| Part Number | Packaging | UOM |
|--------------|-------------------|-------------------------|
| 61400 | 1 wipe | Case: 144 wipes |
| 61410 | 1 pack | Case: 144 wet/dry wipes |
| 61420 | 14 oz aerosol can | Case: 12 cans |
| 61432 | 32 oz bottle | Case: 12 bottles |
| 61401 | Gallon | Case: 4 cans |
| 61405 | 5 Gallon Pail | Individual pail |
| 61456 | 55 Gallon Drum | Individual drum |

Test Refs: AMS 1526B, ARP 1755A, ASTM F-945, Boeing D6-17487*, Bombardier (Canadair) BAPS 180-009 Rev. C G & FP type Cleaner, McDonnell Douglas CSD #1, MIL-PRF-680B Type IV



*does not pass acrylic crazing

- A full strength, penetrating degreaser that removes grease and oil
- Does not contain chlorinated solvents such as trichloroethylene or perchloroethylene
- Can be used in parts washers, dip tanks, and ultrasonic cleaners

PRECISION CLEAN—MULTI-PURPOSE CLEANER/DEGREASER



| Part Number | Packaging | UOM |
|--------------|----------------------|------------------|
| 02720 | 18 oz aerosol can | Case: 12 cans |
| 02728 | 28 oz trigger bottle | Case: 12 bottles |
| 02765 | 55 Gallon Drum | Individual drum |

Test Refs: AMS 1526A, ASTM D-2667, ASTM F-519 Type 1C, Boeing D6-17487**, British Airways LPSPCCD800, FLS Aerospace B757, A32, Lockheed Martin DSDN H01.1578, McDonnell Douglas CSD #1



- VOC compliant in all 50 states
- Super industrial strength removes tough stains and soils
- Does not contain butyl, chlorinated or petroleum solvents, bleach, ammonia, or abrasives
- Alkaline formula inhibits flash rusting
- Rinses clean
- Safe on all surfaces except magnesium
- Nonfood Compounds Program Listed Category Code: C1 Registration #059854 (Bulk)

**when diluted at 1:9

PRESOLVE®—ORANGE DEGREASER



| Part Number | Packaging | UOM |
|---|----------------------|------------------|
| 01420 | 15 oz aerosol can | Case: 12 cans |
| 01422 | 20 oz trigger bottle | Case: 12 bottles |
| 01428 | Gallon | Case: 4 cans |
| 01405 | 5 Gallon Pail | Individual pail |
| 01455 | 55 Gallon Drum | Individual drum |
| Test Refs: Airbus SIL 20-006, AMS 1525B, Lockheed Martin DSDN H01.3086, McDonnell Douglas CSD #1, Pratt & Whitney Canada MMC 21529 | | |



- High performance industrial cleaner which cleans on contact
- Pleasant smelling citrus-based degreaser
- Ideal for the removal of tar, partially cured resins, corrosion inhibitors, grease and oils
- Fast acting, deep penetration
- Flash point above 100°F (38°C)
- Low residue
- Safe on all metals and most plastics

ZEROTRI®—HEAVY-DUTY DEGREASER



| Part Number | Packaging | UOM |
|---|-------------------|-----------------|
| 03520 | 15 oz aerosol can | Case: 12 cans |
| 03528 | Gallon | Case: 4 cans |
| 03505 | 5 Gallon Pail | Individual pail |
| 03555 | 55 Gallon Drum | Individual drum |
| Test Refs: Boeing BAC 5750, Pratt & Whitney Canada MMC 21530 | | |



- Instant degreasing action
- Rapidly evaporates, leaving no residue
- No chlorinated solvents
- Ideal for degreasing metals
- Safe to use on most surfaces
- Nonfood Compounds Program Listed Category Code: C1
Registration # 059845 (Aerosol), # 059846 (Bulk)

HDX—HEAVY-DUTY DEGREASER



| Part Number | Packaging | UOM |
|----------------|-------------------|-----------------|
| 01020 | 19 oz aerosol can | Case: 12 cans |
| 01005 | 5 Gallon Pail | Individual pail |
| Test Refs: N/A | | |



- Heavy-duty action removes oil, grease, wax, dirt, moisture, tar, and other contaminants
- Fast evaporating, leaves no residue
- Non-conductive, non-flammable
- Nonfood Compounds Program Listed Category Code: K1
Registration #059809 (Aerosol); #059810 (Bulk)

EFX[®]—SOLVENT DEGREASER



| Part Number | Packaging | UOM |
|----------------|-------------------|---------------|
| 01820 | 15 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |



- Fast-acting, heavy-duty solvent that degreases and cleans in a single operation
- Ideal for cleaning metals and most plastics
- Power blast spray instantly removes oil, grease, wax, dirt, tar, and other contaminants
- Fast evaporating
- Leaves no residue

TRIFREE—BRAKE CLEANER



| Part Number | Packaging | UOM |
|----------------|-------------------|---------------|
| 03620 | 15 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |



- Instantly removes brake fluid, grease and oil
- Improves brake performance
- Helps stop disc brake squeal
- Powerful jet spray and high solvency
- Can be applied without disassembling the brake unit
- No ozone depleting chemicals
- Fast evaporating
- Does not contain chlorinated solvents
- No rinsing, no residue

CFC FREE—ELECTRO CONTACT CLEANER



| Part Number | Packaging | UOM |
|---|-------------------|-----------------|
| 03116 | 11 oz aerosol can | Case: 12 cans |
| 03101 | Gallon | Case: 4 cans |
| 03105 | 5 Gallon Pail | Individual pail |
| 03155 | 55 Gallon Drum | Individual drum |
| Test Refs: AMS 1525B, ASTM F-519 Type 1C, Lockheed Martin DSDN H01.2101, MIL-PRF-29608 | | |



- Safe on plastics
- Fast evaporating, low odor
- Leaves no residue
- Penetrating action removes oil, grease, dirt, flux, and other contaminants
- Cleans and degreases delicate precision mechanisms
- Does not contain chlorinated solvents
- Nonfood Compounds Program Listed Category Code: K2
Registration #059813 (Aerosol), #059814 (Bulk)

ELECTRO 140°—CONTACT CLEANER



| Part Number | Packaging | UOM |
|---|-------------------|---------------|
| 00916 | 11 oz aerosol can | Case: 12 cans |
| Test Refs: ASTM F-945, Bombardier (Canadair) BAPS 180-009 FE type cleaner, Learjet LES 1239J, Martin Marietta MMS M2-10028, McDonnell Douglas CSD #1 | | |



- Leaves no residue
- Safe on plastics
- Ideal for part washers, dip tanks, and ultrasonic cleaning tanks
- Controlled evaporation
- Superior wetting and penetrating action
- Flash point above 140°F (60°C)

ELECTRO CONTACT CLEANER



| Part Number | Packaging | UOM |
|---|-------------------|---------------|
| 00416 | 14 oz aerosol can | Case: 12 cans |
| Test Refs: Boeing BAC 5750, MIL-PRF-29608A Type C | | |



- VOC compliant in all 50 states
- Leaves no residue
- Safe on plastics
- Non-flammable, fast evaporating
- Removes light greases, oils, dirt, and organic soils
- Ideal for electrical/electronic fine parts
- Quick penetration

NO FLASH®—ELECTRO CONTACT CLEANER



| Part Number | Packaging | UOM |
|--|-------------------|---------------|
| 04016 | 12 oz aerosol can | Case: 12 cans |
| Test Refs: Boeing D6-17487*, Delta Airlines, Learjet LES 1239J, McDonnell Douglas CSD #1 | | |

*does not pass acrylic crazing



- Unique alternative to HCFC cleaners
- Quick penetration
- VOC compliant in all 50 states
- Safe to use on most surfaces, but may be harmful to some plastics
- Nonfood Compounds Program Listed Category Code: K2 Registration #131303

NO FLASH® 2.0—ELECTRO CONTACT CLEANER



| Part Number | Packaging | UOM |
|---|-------------------|---------------|
| 07416 | 12 oz aerosol can | Case: 12 cans |
| Test Refs: Airbus UK-ABR 9-0140 Issue 6 Type 1, Boeing D6 -17457* | | |

*does not pass acrylic crazing



- Industrial-strength formula for maximum cleaning power
- Non-flammable - can be used on or near energized electronic equipment; this improves safety and reduces downtime associated with de-energizing equipment
- Non-brominated – improved health and safety profile for increased worker safety and simplified employer compliance
- Fast Evaporating – quickens clean-up time; this improves productivity and reduces downtime
- No Rinsing/No Residue – no wiping or rinsing prior to next production step, reduces time and labor
- Non-conductive – can be used on or near energized electronic equipment, eliminating equipment downtime
- Inverta Spray Valve – allows user to spray in an upright or inverted position for more convenient application

PSC—PLASTIC SAFE CLEANER



| Part Number | Packaging | UOM |
|------------------------------------|-------------------|---------------|
| 04620 | 12 oz aerosol can | Case: 12 cans |
| Test Refs: Cessna Approval #244689 | | |



- Safe on plastics
- Fast evaporating, leaves no residue
- Non-flammable
- Does not contain HCFCs
- Formulated for contact cleaning
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: K2 Registration #129002

ELECTRA-X—CONTACT CLEANER



| Part Number | Packaging | UOM |
|--|-------------------|---------------|
| 00816 | 12 oz aerosol can | Case: 12 cans |
| C00816 <i>Canada Only</i> | 12 oz aerosol can | Case: 12 cans |
| <div> <div>NO CHLOR SOLV</div> <div>NF</div> <div>CARB ✓</div> <div>OTC ✓</div> <div>NON HAZ COND</div> <div>FAST</div> <div>NO RES</div> </div> | | |

- VOC compliant in all 50 states
- Non-flammable
- No chlorinated solvents
- Removes light greases, oils, dirt, and organic soils
- Ideal for electronic and fine parts
- Does not contain HCFCs
- Quick penetration

MICRO-X—FAST EVAPORATING CONTACT CLEANER



| Part Number | Packaging | UOM |
|---|-------------------|---------------|
| 04516 | 11 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |
| <div> <div>NSF</div> <div>K2</div> <div>NO CHLOR SOLV</div> <div>FAST</div> <div>PLASTIC SAFE</div> <div>NO RES</div> <div>LO ODOR</div> </div> | | |

- Safe on plastics
- No rinsing, fast evaporating, leaves no residue
- Does not contain HCFCs
- Low odor
- Quick penetration
- Nonfood Compounds Program Listed Category Code: K2
Registration #059853 (Aerosol); #059852 (Bulk)

LPS 1®—GREASELESS LUBRICANT



| Part Number | Packaging | UOM |
|---|----------------------|------------------|
| 00116 | 11 oz aerosol can | Case: 12 cans |
| 00122 | 20 oz trigger bottle | Case: 12 bottles |
| 01128 | Gallon | Case: 4 cans |
| 00105 | 5 Gallon Pail | Individual pail |
| 00155 | 55 Gallon Drum | Individual drum |
| C30116 (Canada) | 11 oz aerosol can | Case: 12 cans |
| Test Refs: Allied Signal ES-2092, Boeing B737-500 Task 75-31-02-206-001-C00, Bombardier (Canadair) BAMS 569-001, Delta Airlines, Lockheed Martin EPSN G34.031, Pratt & Whitney Canada CPMC 79255, Rolls Royce Overhaul Process 340, MIL-C-23411A | | |



- Provides a dry, thin, lubricating film
- Removes carbon build-up from surfaces
- Displaces moisture, non-conductive, resists oil, dust, and dirt build-up
- Ideal for delicate mechanisms
- Used worldwide in aviation
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H2
Registration #059847 (Aerosol); #129040 (Bulk)

TKX®—ALL PURPOSE LUBRICANT



| Part Number | Packaging | UOM |
|-----------------------|-------------------|-----------------|
| 02016 | 11 oz aerosol can | Case: 12 cans |
| 02028 | Gallon | Case: 4 bottles |
| Test Refs: N/A | | |



- Excellent all purpose lubricant
- Loosens rusted or frozen parts
- Protects against corrosion
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H2
Registration #059842 (Aerosol); #059843 (Bulk)

LPS 2®—HEAVY-DUTY LUBRICANT



| Part Number | Packaging | UOM |
|---|----------------------|------------------|
| 00216 | 11 oz aerosol can | Case: 12 cans |
| 00222 | 20 oz trigger bottle | Case: 12 bottles |
| 02128 | Gallon | Case: 4 cans |
| 00205 | 5 Gallon Pail | Individual pail |
| 00255 | 55 Gallon Drum | Individual drum |
| C30216 <i>Canada Only</i> | 11 oz aerosol can | Case: 12 cans |
| Test Refs: Lockheed Martin CPC 2c & 3b lubricating, Lockheed Martin EPSN G39.04, Pratt & Whitney Canada CPMC 79256, UPS M-5100-2780-B, MIL-C-23411A, MIL-C-81309D Type III, MIL-PRF-16173E Grade 3 Class 1 | | |



- Strong, multi-purpose lubricant, and penetrant
- Provides a non-drying, light, oily film for use on indoor/outdoor equipment
- Reduces wear caused by friction and corrosion
- Loosens rusted or frozen parts
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H2
Registration #129026 (aerosol); #059848 (bulk)

FORCE 842®—DRY MOLY LUBRICANT



| Part Number | Packaging | UOM |
|--|-------------------|---------------|
| 02516 | 11 oz aerosol can | Case: 12 cans |
| Test Refs: MIL-L-46147A Type II | | |



- Fortified with molybdenum disulfide
- Provides a quick drying, thin film
- For assembly and break-in lubrication
- Works under high temperatures – 842°F (450°C) and pressures – 100,000 psi (6890 bars)
- Dust, dirt, water, and chemical resistant
- High adhesion, prevents seizure of parts
- VOC compliant in all 50 states

MAGNUM—PREMIUM LUBRICANT WITH PTFE



| Part Number | Packaging | UOM |
|----------------|-------------------|---------------|
| 00616 | 11 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |



- High performance lubricant with PTFE additives
- Excellent for heavy load applications
- Penetrates and protects metal against rust and corrosion
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H2
Registration #128980 (Aerosol); #128981 (Bulk)

HEAVY-DUTY SILICONE LUBRICANT



| Part Number | Packaging | UOM |
|----------------|-------------------|---------------|
| 01516 | 13 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |



- Water-based, silicone-rich formula for better longer lubrication
- Colorless and non-staining
- Ideal for rubber and plastic surfaces
- Eliminates sticking, binding, and squeaking
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H1
Registration #059820 (aerosol); #059821 (bulk)

DRY FILM PTFE—LUBRICANT



| Part Number | Packaging | UOM |
|--|-------------------|---------------|
| 02616 | 11 oz aerosol can | Case: 12 cans |
| Test Refs: Learjet M35A/M36B, M55 Aeronica Maintenance Manuals (M3735-01-98-0042) | | |



- Dry film will not attract dust or dirt
- Provides excellent lubrication
- Excellent for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- VOC compliant in all 50 states
- Colorless, thin film

LST—PENETRANT



| Part Number | Packaging | UOM |
|--|-------------------|-----------------|
| 01916 | 11 oz aerosol can | Case: 12 cans |
| 01928 | Gallon | Case: 4 cans |
| 01905 | 5 Gallon | Individual pail |
| 01955 | 55 Gallon | Individual drum |
| Test Refs: ASTM F-945, Pratt & Whitney PMC 9545 SPOP 427, A-A-50493 Class B Type I & II, VV-P-216C Type I | | |



- Specially formulated with low surface tension for fast penetrating action
- Loosens rust and corrosion to free frozen parts
- Powerful foaming action provides complete surface coverage
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H2
Registration #059851 (Aerosol); #059823 (Bulk)

KB 88—THE ULTIMATE PENETRANT



| Part Number | Packaging | UOM |
|---|---------------------|------------------|
| 02316 | 13 oz aerosol can | Case: 12 cans |
| 02322 | 20 oz trigger spray | Case: 12 bottles |
| 02301 | Gallon | Case: 4 cans |
| 02305 | 5 Gallon | Individual pail |
| Test Refs: A-A-50493 Class B Type I & II | | |



- Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components
- High KB solvency value of 151 and low surface tension
- Penetrates faster and deeper than most other competitive products in the market place
- VOC compliant in all 50 states

ANTI-SEIZE STAINLESS



| Part Number | Packaging | UOM |
|--|-----------|--------------|
| 14143 | 500g | Case: 6 cans |
| Test Refs: Rolls Royce MSRR 4008, Rolls Royce OMAT 4/62, Rolls Royce OMAT 10123 (spec for V2500), Rolls Royce COMAT 10-110, Naval Cat No.: o 0475-179-9539, NATO Stock No.: o 8030-99-179-9539, BAe Systems approved for high nickel alloys | | |

- Excellent temperature resistance – 40°C to +1000°C
- Provides even torque loads and prevents galling and pick-up on assembly
- Protects against wet conditions and chemical attack even in the most aggressive environments
- Excellent anti-seize properties over extended periods at high temperatures
- Contains extremely low levels of chlorine and sulfur
- Lubricates, protects and eases dismantling
- Suitable for use with aluminum and its alloys

AEROSPEC® 3052



| Part Number | Packaging | UOM |
|--|-----------|---------------------|
| 16651 | 380g | Case: 12 cartridges |
| 16654 | 18kg | Individual pail |
| 16655 | 400ml | Case: 12 cans |
| Test Refs: JSD XG 287, NATO G-354, SAE AMS 3052, Boeing BMS 3-33B, DEF-STAN 91-53/3, Airbus AIM 09-06-002 general airframe lubricant, Airbus CML No 03GBC1 & AIMS 09-06-002 | | |

- General purpose airframe grease
- Temperature range -73 to +120°C
- Exceptional corrosion resistance for all high strength steel and alloy gear components
- Excellent shear stability
- Outstanding low temperature performance
- Low viscosity, high lubricity formulation reduces fretting wear and stress pitting
- Available as bulk grease and aerosolized grease to suit all airframe applications

AEROSPEC® 100



| Part Number | Packaging | UOM |
|---|-----------|-----------------|
| 16511 | 500g | Case: 4 cans |
| 16516 | 4.5kg | Individual pail |
| Test Refs: Approved for use on: Airbus 319, 390, 321, 330, 340 & 380. SAE AMS 3057, ZF B831, Developed from MIL-L-46000C & Airbus CML No03GDB1 | | |

- Low temperature aerospace grease
- Temperature range -56 to +120°C
- Exceptional corrosion resistance for all high strength steel and alloy gear components
- Excellent shear stability and low oil bleed
- Low viscosity, high lubricity formulation reduces fretting wear and stress pitting
- Has an extremely low start up and running torques even at temperatures down to -56°C

AEROSPEC® 400 STD



| Part Number | Packaging | UOM |
|--|-----------|---------------------|
| 16630 | 380g | Case: 12 cartridges |
| 16637 | 450g | Case: 12 cans |
| 16636 | 4.5kg | Individual pail |
| Test Refs: Approved for use on: Boeing to MMS 657, Airbus to 09-06-003. Meets the requirements of SAE AMS 3058, Airbus CML No.03GCC1, JSD -XG-294, Def Stan - 91-106/2, MIL PRF 81322, NATO Code-G-1352 | | |

- Exceptional aircraft wheel bearing grease
- Temperature range -54 to +175°C
- Excellent high temperature performance
- High load carrying properties (355kg weld load)
- Excellent corrosion resistance
- Highly resistant to oxidation, providing extended lubrication intervals whilst reducing equipment failure, downtime and lubricant usage

AEROSPEC® 533 STD



| Part Number | Packaging | UOM |
|--|-----------|-----------------|
| 16644 | 1kg | Individual pail |
| Test Refs: Meets requirements of DEF STAN 91-56/3, JSD:XG-315, NATO 0G-394. Submarine Clearance BR1326A | | |

- Silicone aerospace grease
- Temperature range -73 to +150°C
- Outstanding low temperature performance
- Compatible with most rubbers and plastics
- Highly resistant to water washout

LPS 3®—PREMIER RUST INHIBITOR



| Part Number | Packaging | UOM |
|---|----------------------|------------------|
| 00316 | 11 oz aerosol can | Case: 12 cans |
| 00322 | 20 oz trigger bottle | Case: 12 bottles |
| 03128 | Gallon | Case: 4 bottles |
| 00305 | 5 Gallon Pail | Individual pail |
| 00355 | 55 Gallon Drum | Individual drum |
| C30316 | 312 Gallon Drum | Individual drum |
| Test Refs: Airbus IPS 09-08-001-04, ASTM F-945, Bombardier DeHavilland DHMS C4.12 Type I Grade 3, Embraer EMB 120 Brasilia C.P.M.-120/1181 Type A-1, Lockheed Martin EPSN G39.2004, Lockheed Martin Heavy Duty CPC 2b, McDonnell Douglas DMS 2150, Pratt & Whitney PWA 36604, Pratt & Whitney Canada LCPMC 79133, SAAB 340 Maintenance Manual, United Technologies USBI 99606-0012, MIL-C-83933A, MIL-PRF-16173E Grade 2 Class 1 | | |



- Protects for up to 2 years indoors
- Prevents rust and corrosion
- Provides non-sling lubrication
- Self-healing, soft, waxy film
- Safe to use on most surfaces
- Nonfood Compounds Program Listed Category Code: H1
Registration #129027 (Aerosol); #059849 (Bulk)
- Easily removed with LPS A-151 or LPS PreSolve

COLD GALVANIZE—CORROSION INHIBITOR



| Part Number | Packaging | UOM |
|------------------------------|-------------------|---------------|
| 00516 | 14 oz aerosol can | Case: 12 cans |
| 05128 | Gallon | Case: 4 pails |
| Test Refs: ASTM A-780 | | |



- Zinc-rich galvanized coating - Zinc Purity: 99+%
- Works like a hot-dip on ferrous metals indoors and out
- Withstands water temperature up to 212°F (100°C) and continuous dry heat up to 750°F (400°C)
- Commonly used as a flash rust preventive on welded areas
- Inhibits rust on steel under aggressive conditions
- Flexible coating will not yellow, chalk, crack, or peel
- Electrochemically protects bare metal
- Dries in 3-5 minutes
- Acceptable for use in Canadian Food Processing Establishments
- VOC compliant in all 50 states

AEROSPEC® PROTECT SPRAY



| Part Number | Packaging | UOM |
|--|-----------|---------------|
| 16810 | 300ml | Case: 12 cans |
| Test Refs: Airbus CML No.12ACG6 | | |

- Aircraft corrosion inhibitor
- Resilient waxy film for long term corrosion protection
- Ideal for outdoor corrosion protection of exposed metal parts
- Non-melting
- Chemically resistant
- Reinforced with PTFE for dry film lubrication

TAPMATIC® #1 GOLD—CUTTING FLUID








| Part Number | Packaging | UOM |
|-----------------------------------|----------------------|------------------|
| 40312 | 11 oz aerosol can | Case: 12 cans |
| 40320 | 16 oz trigger bottle | Case: 12 bottles |
| 40330 | Gallon | Case: 4 bottles |
| 40340 | 5 Gallon Pail | Individual pail |
| Test Refs: Boeing BAC 5008 | | |



- Does not contain water, solvents, or inactive fillers
- Reduces cutting torque and improves cutting efficiency
- Does not contain chlorinated paraffins
- Requires less product usage than traditional cutting fluids
- Increases tool life and improves surface finish
- Great for all metals including aluminum

DYKEM® CROSS CHECK™ TAMPER PROOF TORQUE MARKER






| Part No | | Packaging | UOM |
|----------------------------------|---|------------------|----------------|
| 83314 |  | 1 oz tube—orange | Case: 24 tubes |
| 83315 |  | 1 oz tube—green | Case: 24 tubes |
| 83316 |  | 1 oz tube—red | Case: 24 tubes |
| 83317 |  | 1 oz tube—yellow | Case: 24 tubes |
| 83318 |  | 1 oz tube—blue | Case: 24 tubes |
| Test Refs: Boeing BMS8-45 | | | |

DYKEM® Cross-Check™ produces a bead of bright color to provide positive visual indication when vibratory loosening or tampering in nuts, bolts, fasteners and assemblies occurs. Applications range from safeguarding factory instrument and control settings to monitoring critical torque and alignment requirements.

- Seal is highly visible under ambient light; colors fluoresce under UV light
- Excellent adhesion to metals and most substrates
- All colors (except green) withstand short exposure to Skydrol® hydraulic fluids without degradation (1 hr immersion test)
- 2 year shelf life

DYKEM® BRITE-MARK® H₂O PERMANENT PAINT MARKER

| Part No | | Packaging | UOM |
|-----------------------|---|--|-------------------|
| 91425 |  | Marker—white | Box: 12 markers |
| 91427 |  | Marker—yellow | Box: 12 markers |
| 91602 |  | Marker—green | Box: 12 markers |
| 99015 | | Replacement Tip #15 | Package: 100 tips |
| 82038 | | DYKEM® Remover & Prep 16 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | | |

General purpose water-based paint markers formulated for industrial environments. Permanent, bright marks adhere to most surfaces, including metal, plastic, rubber, concrete, glass, stone, wood and leather. Low odor formula. Removable with DYKEM® Cleaner & Prep. All markers are valve-activated and have a medium fiber tip. Replacement tips are available.

DYKEM® HIGH PURITY MARKERS

| Part No | Packaging | UOM |
|-----------------------|---|-----------------|
| 44404 ■ | Marker—black, medium, fiber tip | Box: 12 markers |
| 44534 ■ | Marker—blue, medium, fiber tip | Box: 12 markers |
| 44301 ■ | Marker—red, medium, fiber tip | Box: 12 markers |
| 44729 □ | Marker—white, medium, fiber tip | Box: 12 markers |
| 44916 ■ | Marker—yellow, medium, fiber tip | Box: 12 markers |
| 99038 | Replacement Tip #38, medium, fiber | Pkg: 100 tips |
| 33404 ■ | Marker—black, fine, fiber tip | Box: 12 markers |
| 33301 ■ | Marker—red, fine, fiber tip | Box: 12 markers |
| 33729 □ | Marker—white, fine, fiber tip | Box: 12 markers |
| 99005 | Replacement Tip #5, fine, fiber | Pkg: 100 tips |
| 17473 ■ | Marker—black, stainless steel ball | Box: 12 markers |
| 17463 □ | Marker—white, stainless steel ball | Box: 12 markers |
| 14143 ■ | Marker—yellow, stainless steel ball | Box: 12 markers |
| 82038 | DYKEM® Remover & Prep 16 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |

Low chloride, low-halogen formula safely marks and will not degrade, contaminate or adversely affect stainless steel and other corrosion-resistant metal alloys. Meets requirements of U.S. Dept. of Energy Office of Nuclear Energy Programs for marking of components and parts. Removable with DYKEM® Cleaner & Prep. Replacement fiber tips are available.

**DYKEM® UV-MARKER**

| Part No | Packaging | UOM |
|-----------------------|---|-----------------|
| 91195 | Marker—UV | Box: 12 markers |
| 99029 | Replacement Tip #29 | Pkg: 100 tips |
| 82038 | DYKEM® Remover & Prep 16 oz aerosol can | Case: 12 cans |
| Test Refs: N/A | | |

DYKEM® UV-Marker will mark virtually any non-porous surface, including metal, plastic, glass and more. The “invisible” clear ink illuminates blue under ultra-violet black light. Applications include quality control processes, tamper prevention, anti-counterfeiting, tagging and owner identification. Removable with DYKEM® Cleaner & Prep.



RECIRCULATION TOOL—*Lavatory System Remediation Cleaning*



When used with Sani-Vak® G3, Celeste's Recirculation Tool can treat the most severe cases of scale buildup in vacuum lines, where build up has reached a thickness of 6mm (1/4") or more, precluding the need for a dismantling of the lavatory system.

The Celeste Recirculation Cleaning Tool is designed to circulate a cleaning fluid, at a controlled temperature and negative pressure, throughout a commercial aircraft's waste lines. The system is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.

| Part Number |
|---|
| SPRCT00LA Recirculation Tool Each tool carries its own serial number |
| SPH0SEKIT Hose assembly system for recirculation tool |
| SPRCT00L Recirculation Tool (380 volt China) |
| Test Refs: CE Certified |

PROPORTIONING TOOL—*Potable Water Systems Cleaning*



| Part Number | Packaging |
|-----------------------|--|
| SWPROTOOL | Proportioning Tool—individually packaged |
| Test Refs: N/A | |

The Celeste Proportioning Tool is designed to pump an additive, at a consistent, proportioned rate, into a water supply. The pump is powered by water flow, so that it does not require electricity or compressed air to operate, and it adjusts the additive rate as the water flow rate changes. A water supply filter and pressure regulator protect the pump from sediment and maintain a steady pump inlet pressure, respectively.

The tool is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.

WASTE TANK CLEANING TOOL



| Part Number | Packaging |
|-----------------------|--|
| SPWTCTOOL | Waste Tank Cleaning Tool—individually packaged |
| Test Refs: N/A | |

The Celeste Waste Tank Cleaning Tool is designed to circulate a cleaning fluid, at a controlled flow rate, throughout a vessel. Tool components are designed to dispense the cleaning fluid inside a waste tank; onto the side walls and top of the vessel continuously for maximum cleaning. Plumbing design allows for initial charging of the cleaning fluid (or water), circulation of the cleaning fluid, and discharge of the waste material to a vessel.

The tool is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.

WASTE SYSTEM PARTS WASHER



| Part Number | Packaging |
|-----------------------|---|
| SPWASHER | Waste System Parts Washer—individually packaged |
| Test Refs: N/A | |

The Celeste Parts Washer is designed to thoroughly circulate an approved cleaning fluid around waste system/tank parts of various sizes to remove scale safely and efficiently. Parts rest on a perforated tray inside of a stainless steel tank while an air-powered propeller circulated a Celeste cleaning fluid around the parts. A pressure regulator controls the speed of the propeller. The tool is mounted to a mobile cart which can be adjusted to various heights.

The tool is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.

For more information, call your Aviall Rep at 1-800-AVIALL-1

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|-----------------------|--------------|--|
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