



AIRCRAFT CLEANERS & DISINFECTANTS

CALLA® 301A LEMON



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Product description: **CLEANING AND DEGREASING COMPOUND**

FEATURES:

- ▶ A uniquely formulated, all-purpose, and heavy duty cleaning and degreasing compound

KEY BENEFITS:

- ▶ Non-flammable
- ▶ Bio-degradable
- ▶ Efficiently removes many soils that resist other cleaners
- ▶ Noncorrosive and does not pit, stain or attack various metals, acrylic and other paints, motor wirings or acrylic based plastics (if used as directed)
- ▶ Rinses easily and leaves no residue or stain even if it dries on the surface
- ▶ Contains no irritating vapors or harmful concentrations of phenols, chromates or chlorinated solvents
- ▶ Cleaned many types of aircraft under variable conditions for several years

SPECS:

- Airbus Canada CML 11-118
- AMS 1526-A

- AMS 1550-A
- Boeing CSD-1



Rev: 20100H
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For more information contact us :
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APPLICATIONS:

- ✓ Use for cleaning aircraft, aircraft components, and facilities
- ✓ Store **Calla® 301-A Lemon** at **40°F - 100°F (4.4°C - 37.8°C)** in the **original unopened containers**. Keep **containers** closed when not in use and protect **Calla® 301-A Lemon** from **direct sunlight**.
- ✓ **Fuselage Tail Sections, Wing Tips:** Mix **1 part** of **Calla® 301-A Lemon** with **3 to 20 parts water**, depending on the amount of soil that exists. Next, apply the **mixture** by **spray** or **mop** and allow it to **penetrate** for a **few minutes** before **mopping** or **brushing**. Thoroughly **rinse** the **mixture** with **water** after these steps are complete. To recover **badly oxidized surfaces**, use the **1:3 mixture** because it provides high quality results under most conditions. Future **washings** with **highly diluted mixtures** will maintain **oxide free** and **shiny surfaces**.
- ✓ **Blast Areas, Landing Gear:** Mix **1 part** of **Calla® 301-A Lemon** with **3 parts of water**. Next, apply the **mixture** by **spray** or **mop** and allow it to penetrate for a **few minutes** before scrubbing the heavy deposits. If that task is complete, then the **mixture** can be **flood rinsed** with **water**. If a **solvent** can be used, mix **1 part** of **Calla® 301-A Lemon** with **5 parts of solvent** and briefly agitate the **mixture** with **air** to form the emulsion. **Spray** or **mop** the **mixture** over the entire area and allow it to **penetrate** for a **few minutes**. Finally, scrub the surfaces well and **rinse** them with **water**.
- ✓ **Waterless Cleaning:** Dilute **Calla® 301-A Lemon**, based on the amount of soil, in an **open bucket** or **barrel**, saturate a **mop** in the **Calla® 301-A Lemon solution** and wring out the **excess water**. Moreover, the surface must be **mopped** thoroughly where only small areas of surface can be covered at a time. Lastly, rinse the surface with a **clean and damp mop**.
- ✓ **Food Service Equipment, Galley Area:** On **ovens**, apply **Calla® 301-A Lemon** **undiluted** or **diluted 1:1 with water**. Next, **spray** or **sponge** the area that needs to be cleaned and allow it to **penetrate** for **10 minutes**. Remove the baked-on grease with a **scouring pad**, **rinse** with **warm water**, and wipe thoroughly.



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APPLICATIONS (CONTINUED FROM PAGE 2):

- ✓ **Vinyl Plastics or Fabrics, Rugs, Toilets:** Mix 1 part of Calla® 301-A Lemon with 4 to 8 parts of water for general use. Apply the mixture via spray, brush, or cloth and allow time for it to penetrate. Next, agitate the mixture with a brush or a cloth. Furthermore, the mixture should be wiped off with a clean and damp cloth. If the mixture has been applied to rugs or carpeting, then the residue must be removed with a vacuum unit.
- ✓ **Ramps, Hangar Housekeeping:** Use Calla® 301-A Lemon in 1 to 5 parts of water in scrubbers.
- ✓ **Ground Power Equipment:** Mix 1 part of Calla® 301-A Lemon with 3 to 5 parts of water. After that step is complete, apply the mixture by spray or brush and allow it to penetrate for 3 to 5 minutes. If necessary, agitate the mixture and rinse it off with water.
- ✓ **Aircraft Wheels, Brakes, and Components:** Heated Dip Tank: Dilute the Calla® 301-A Lemon with 1 to 4 parts of water, depending on the operating temperature of the tank. For wheels, soak the mixture for 30+ minutes, scrub heavy deposits with wheel brush, and rinse with hot water.
- ✓ **Cold Dip Tank:** Dilute Calla® 301-A Lemon 1:1 with water or 1:4 with solvent, agitate the solution, and proceed to the next steps as indicated in the heated dip tank method.
- ✓ **Oil or Hydraulic Filter Screens:** Use Calla® 301-A Lemon undiluted and allow 30 minutes for it to penetrate. Agitate with air if possible and rinse with water. In an ultrasonic tank, use 1 part of Calla® 301-A Lemon with 3 parts of water for best results.
- ✓ **Steam Cleaning:** Dilute 1 part Calla® 301-A Lemon with 20 parts of water in solution tank. Increase concentration if required by extreme soil condition. Calla® 301-A Lemon will reduce scale on machine coils. Provide spray wetting and penetrating action so the mixture can rinse freely.
- ✓ Refer to the Calla® 301-A Lemon application manual for detailed application instructions. This manual can be obtained by asking your Zip-Chem® sales rep for a copy of this document.



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PHYSICAL PROPERTIES:

- ▶ **Boiling point:** 100°C
- ▶ **Color:** Gold-brown
- ▶ **Density:** 1.07 g/mL
- ▶ **Freezing point:** 0°C
- ▶ **Odor:** Lemony
- ▶ **pH:** 12 – 13
- ▶ **Physical state:** Liquid
- ▶ **Shelf Life:** 3 Years From Date Of Shipment If Properly Stored
- ▶ **Viscosity, dynamic:** < 25 cps
- ▶ **VOC content:** 58 grams/liter

AVAILABLE PACK SIZES:

- ▶ 32 fl oz (946 mL) Ready-For-Use (4:1 Ratio) Spray Bottle-001991
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Bottles (Concentrate)-009443
- ▶ 5 Gallon (18.9 Liter) Pails (Concentrate)-001992
- ▶ 55 Gallon (208 Liter) Drums (Concentrate)-001993
- ▶ 330 Gallon (1249 Liter) Totes (Concentrate)-001994



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