

Safety Steps and Procedures To Follow Prior To Applying Calla® 301A Lemon:

- 1.) Always refer to the safety data sheet (SDS) prior to applying **Calla® 301A Lemon** if you have any questions regarding the following information about this product.
- 2.) Always wear gloves and protective eyewear to prevent **Calla® 301A Lemon** from making contact with the skin and eyes.

Calla® 301A Lemon Product Information and Benefits:

- 1.) **Calla® 301A Lemon** is a uniquely formulated all-purpose and heavy duty cleaning and degreasing compound that is non-flammable and non-corrosive and contains a biodegradable formulation.
- 2.) **Calla® 301A Lemon** efficiently removes grease, oils, carbon, hydraulic fluid, dirt, and many soils that resist other cleaners.
- 3.) **Calla® 301A Lemon** is safe on metals, steel, copper, magnesium, aluminum alloys, paint or other paints used on equipment, machines, the wiring on motors or acrylic based plastics, or automobiles when used as directed.
- 4.) **Calla® 301A Lemon** rinses easily and leaves no residue or stain even if it completely dries on the surface.
- 5.) **Calla® 301A Lemon** contains no irritating vapors, harmful concentrations of phenols, chromates, or chlorinated solvents.
- 6.) **Calla® 301A Lemon** has been used to clean many types of aircraft under variable conditions for several years.

Areas Where Calla® 301A Lemon Should Be Applied On:

Calla® 301A Lemon is intended to be used for cleaning aircraft, aircraft components, facilities, equipment, machines, automobiles, motor wiring, and metals.

Procedures For Diluting and Applying Calla® 301A Lemon (Exterior Applications):

- 1.) **Exterior Fuselage Tail Sections, Wing Tips, etc:** Mix **1 part** of **Calla® 301A 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.
- 2.) **Blast Areas, Landing Gear:** Mix **1 part** of **Calla® 301A 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® 301A 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.
- 3.) **Waterless Cleaning:** Dilute **Calla® 301A Lemon**, based on the amount of soil, in an open bucket or barrel, saturate a mop in the **Calla® 301A 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.

Procedures For Diluting and Applying Calla® 301A Lemon (Interior Applications):

Vinyl Plastics Or Fabrics, Rugs, Toilets: Mix **1 part** of Calla® 301A 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. After the mixture is agitated, wipe it 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.

Procedures For Diluting and Applying Calla® 301A Lemon (Food Service Equipment and Galley Area):

On ovens, apply Calla® 301A 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.

Procedures For Diluting and Applying Calla® 301A Lemon (Ramps and Hangar Housekeeping):

Use Calla® 301A Lemon in **1 to 5 parts** of **water** in scrubbers.

Procedures For Diluting and Applying Calla® 301A Lemon (Ground Power Equipment):

Mix **1 part** of Calla® 301A 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.

Procedures For Diluting and Applying Calla® 301A Lemon (Aircraft Wheels, Brakes, and Components):

Heated Dip Tank: Dilute the Calla® 301A 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.

Procedures For Diluting and Applying Calla® 301A Lemon (Cold Dip Tank):

Dilute Calla® 301A 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.

Procedures For Diluting and Applying Calla® 301A Lemon (Oil or Hydraulic Filter Screens):

Use Calla® 301A 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® 301A Lemon with **3 parts** of water for best results.

Procedures For Diluting and Applying Calla® 301A Lemon (Steam Cleaning):

Dilute **1 part** Calla® 301A Lemon with **20 parts** of **water** in solution tank. Increase concentration if required by extreme soil condition. Calla® 301A Lemon will reduce scale on machine coils. Provide spray wetting and penetrating action so the mixture can rinse freely.

Calla® 301A Lemon Instruction Manual

Calla® 301A Lemon Product Pictures and Zip-Chem® Product Packaging Part Numbers:

Calla® 301A Lemon

Ready-To-Use Diluted (4:1 Ratio)

*32 fl oz (946 mL) Ready-For-Use (4:1 Ratio) Spray Bottle-**001991**

Concentrate

*Case of 4 each Gallon (4 each of 3.8 Liter) Bottles-**009443**

*5 Gallon (18.9 Liter) Pail-**001992**

*55 Gallon (208 Liter) Drum-**001993**

*330 Gallon (1249 Liter) Tote-**001994**

Gloves
Protective Eyewear
Solvents
Spraying Equipment
Mops
Brushing Equipment
Rinsing Equipment
Scrubbing Equipment) Aerosol

Tanks
Barrel
Bucket
Cloth
Sponge
Scouring Pad
Scrubbing Equipment
Penetrating Equipment

Diluting Equipment

Agitation Equipment



← 1 Gallon (3.8 Liter) Bottle

For application questions regarding **Calla® 301A Lemon**, contact **Zip-Chem® Aviation Products** at (1) 408 782 2335 or zipchem@addevmaterials.com.