

## Zip-Chem Calla 301A

### DESCRIPTION

Calla 301-A is a uniquely formulated all purpose, heavy duty cleaner and degreasing compound that efficiently removes grease, oils, carbon, hydraulic fluid and dirt, as well as many soils which resist other cleaner. It is nonflammable, biodegradable, has no irritating vapors and contains no harmful concentrations of phenols, chromates or chlorinated solvents. Calla 301-A is noncorrosive and will not pit, stain or attack aluminum alloys, magnesium, copper, steel or other metals. It will not injure acrylic paint or other paints used on equipment, machines or autos when used as directed. It will not damage wiring on motors or acrylic base plastics. Calla 301-A rinses easily and leaves no residue or stain, even if allowed to completely dry on the surface.

### APPLICATION

The following recommendations for the cleaning of aircraft, aircraft components and facilities have been compiled through many years of cleaning many types of aircraft under widely varied conditions.

#### FUSELAGE TAIL SECTIONS, WING TIPS, ETC.

Mix 1 part Calla 301-A with 3 to 20 parts water, depending on the amount of soil; apply by spray or mop; allow a few minutes for penetration before mopping or brushing and rinsing thoroughly. For recovery of badly oxidized surfaces, the 1 to 3 mixture will give excellent results under most conditions. Future washings with more dilute mixtures will maintain oxide free, shiny surfaces.

#### BLAST AREAS, LANDING GEAR

Mix 1 part Calla 301-A with parts water; apply by spray or mop; allow a few minutes for penetration before scrubbing heavy deposits; flood rinse with water. If solvent can be used, mix 1 part Calla 301-A with 5 parts solvent. Agitate mixture briefly with air to form emulsion. Spray or mop mixture over entire area; allow a few minutes for penetration; scrub surfaces well; rinse with water.

#### VINYL PLASTICS OR FABRICS, RUGS, TOILETS

Mix 1 part Calla 301-A with 4 to 8 parts water for general use: allow time to use full strength. Apply with spray, brush or cloth; allow time to penetrate; agitate with rush or cloth; wipe off with clean damp cloth. On rugs or carpeting, remove residue with vacuum unit.

#### WATERLESS CLEANING

Dilute Calla 301-A, as amount of soil requires, in open bucket or barrel. Saturate mop in solution and wring out excess. Mop the surface thoroughly covering a small area at a time. Rinse with a clean damp mop.

#### FOOD SERVICE EQUIPMENT, GALLEY AREA:

On ovens, apply Calla 301-A full strength, or diluted 1 to 1 with water; spray or sponge area to be cleaned; allow 10 minutes for penetration. Remove baked on grease with scouring pad; rinse with warm water. Wipe thoroughly. Dilute to suit on other equipment and galley surfaces.

## RAMPS, HANGAR HOUSEKEEPING

Use Calla 301-A 1 part to 5 parts water in scrubbers.

## GROUND POWER EQUIPMENT

Mix 1 part Calla 301-A with 3 to 5 parts water; spray or brush on; allow 3 to 5 minutes for penetration; agitate if necessary; rinse off with water.

## AIRCRAFT WHEELS, BRAKES AND COMPONENTS

Heated Dip Tank: dilute the Calla 301-A with 1 to 4 parts water, depending on the operating temperature of the tank. At 120 degrees Fahrenheit (50 degrees Celsius) 1 Calla 301-A to 4 water; at 100 degrees Fahrenheit (40 degrees Celsius) 1 to 1. For wheels, soak for 30 minutes or more; scrub heavy deposits with wheel brush; rinse with warm to hot water.

## COLD DIP TANK

Dilute Calla 301-A 1 to 1 with water of 1 to 4 with solvent; agitate solution; proceed as in heated dip tank.

## SPRAY ON METHOD

Use Calla 301-A straight or mix with 3 parts solvent; agitate; apply; allow 10 to 15 minutes for penetration; scrub; and rinse with pressure water. Repeat immediately, if necessary.

## OIL OR HYDRAULIC FILTER SCREENS

Use full strength. Allow 30 minutes of penetration; agitate with air if possible and rinse with water. In Ultrasonic Tank: Use diluted 1 part to 3 parts water for best results.

## STEAM CLEANING

Dilute 1 part Calla 301-A with 20 parts water in solution tank. Increase concentration if required by extreme soil condition. Reduces scaling in machine coils. Provide spray wetting and penetrating action. Rinses freely.

## FEATURES

US EPA DfE Authorized GREEN product. Refer to the current Material Safety Data Sheet on this product for information regarding safety precautions relative to physical and health hazards. In case of emergency, call Zip-Chem Products Office: 800-648-2661.

## SPECIFICATIONS

- CSD-1
- AMS 1526-A
- AMS 1550-A
- BAC 5744

## PACKAGING

Aerosol, quarts, gallons, 5 gallons, drums.  
Special packaging upon request



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