ZIP-CHEM® AVIATION PRODUCTS

CORROSION INHIBITORS, LUBRICANTS, SURFACE PREPS & CLEANERS

17th Edition
Cor-Ban® is a line of corrosion inhibiting products specifically formulated for the demanding specifications of aviation maintenance. Cor-Ban® products are for use on large structural components, small parts, avionics and cables. In addition, there are Cor-Ban® formulations for heavy-duty use and long-term storage.

The Aero-Lube™ line of aircraft lubricants includes multi purpose greases, silicones, Teflon®, molybdenum disulfide, and graphite lubricants. Special purpose Aero-Lube™ products are available for high temperature areas, applications requiring penetrating lubricants and prevention of ice build-up on rubber seals.

Sur-Prep™ is a line of avionics and general-purpose surface preparation cleaners. Sur-Prep™ products offer specific performance advantages in cleaning efficiency, flammability, VOC's and other related environmental concerns.

Calla® products are aircraft cleaners. Several different products are available for interior and exterior cleaning. These include large surface cleaners for the exterior of the aircraft, parts cleaners, glass cleaners, degreasers, drywash and polishing products. The Calla® line also includes disinfectants, odor neutralizers and EPA's Safer Choice (formerly DfE) approved cleaners including Calla® 301A Exterior Wash, X-410Q Interior Cleaner and X-405 Window Cleaner.

Product descriptions, specifications and technical data are on our web site at www.zipchem.com
Innovative packaging solutions are central to the service Zip-Chem® provides aviation. Over the last 30 years we have developed packaging to cut costs and reduce waste, ease product application, minimize environmental or occupational exposure and ensure proper mix ratios. We have adopted package designs from other industries and invented new products to supply our aircraft maintenance customers.

New materials in aircraft manufacturing, increased pressure to reduce costs plus new and changing aviation maintenance products and procedures will continue to create demand for new packaging solutions.

At Zip-Chem®, we welcome your packaging challenges—give us a call to find out more—1-800-648-2661 or 408-782-2335.
Cor-Ban® 22
AEROSOL & BULK
PENETRATING, SELF-HEALING
Cor-Ban® 22 is a CIC for use when a maximum penetrating, heavy duty, self-healing film is required. Cor-Ban® 22 displaces moisture, neutralizes existing corrosion, and prevents further corrosion. It will prevent fretting corrosion, making it ideal for use on cables, pulleys, and other areas requiring corrosion protection as well as lubrication.

SPECs:
NSN: 8030-01-521-4290 (Aerosol)
NSN: 8030-01-531-7352 (5 gal.)
BMS 3-23 Ty II Class 1
T.O. 1C-5A-23

Cor-Ban® 23
AEROSOL & BULK
AIRCRAFT SUBSTRATES
Tested to 3000+ hours in salt spray, Cor-Ban® 23 is a super penetrating, water displacing CIC. It features low film build-up, a high solids formulation and is tack free. Applications include stringers, profiles, ribs, cavities, seat rails, longerons, wide and narrow box sections, broad surface cargo holds, lav and galley sub-sections. Cor-Ban® 23 is tack-free in one hour.

SPECs:
QPL BMS 3-23 Type II Class 2
MIL-DTL-85054
NSN 8030-01-531-7361 Aerosol
NSN 8030-01-531-7362 (5 gal.)
BAMS 565-006 Ty V
DHMS C4.12 TyII Gr 3 & 4
FedEx E.O. 9-5100-7-5001
Cessna CSNP038 Type IX A
(Cor-Ban® 23 Undyed)

Cor-Ban® 27L BULK
STATIC JOINTS, SUBSTRATES
Cor-Ban® 27L is a non-drying CIC, effective in a wide range of temperatures. It develops a thixotropic, buff colored film that will withstand UV exposure in highly corrosive environments. It is free of chromates and other hazardous materials. Uses include floor beams, antenna, seat tracks, lavatory and the galley.

SPECs:
QPL BMS 3-38
DPM 6498
MEP-QPL-09-073
EMBRAER E9447580
NSN 6850-01-469-7645 (quart)
NSN 8030-01-531-7355 (6 oz. cart)
NSN 8030-01-531-7357 (5 oz.)
USAF T.O. 4S-1-182
SIKORSKY SS 8689
T.O. 4S1-108-1
T.O. 4W-1-61
Airbus CML 05-133
Goodrich LQP5010, Ty IV Cl B
Cessna CSNP038 Type VIII

D-5010 NS AEROSOL
SMALL PARTS
D-5010 NS is a powerful penetrating oil and corrosion inhibitor formulated for aircraft use. D-5010 NS dissolves rust, disperses water and leaves a thin protective film that resists corrosion, light acids and alkali solutions. D-5010 NS is widely used on small parts, in engine repair and to protect tools and equipment. It will not harm paints, plastics, rubber or plated surfaces.

SPECs:
MIL-C-23411-Ships (superceded)
A-A-50493
Solar Turbine ES9-249

Cor-Ban® 35
AEROSOL & BULK
AIRCRAFT SUBSTRATES
Cor-Ban® 35 is a long lasting, high solids and low VOC CIC with high penetration capability and water displacing properties. Applied in a 1 to 2 mil wet film thickness it dries in less than one hour to a non-tacky, salmon pink color. Cor-Ban® 35 incorporates the best features of BMS 3-23 and BMS 3-29 approved products.

SPECs:
QPL BMS 3-35
BAMS 565-006 Ty I & II
MIL-DTL-85054
NSN 6850-01-492-2932 Aerosol
NSN 8030-01-531-7358 Aerosol
NSN 8030-01-531-7360 (5 gallon)
EMBRAER E 51-61-00 Ty I and II
SIKORSKY SS 8536 Type II
Gulfstream GAC115AD
AIRBUS 0908-003 Type III Grade 2
CML 15-009 Ty III
FedEx A30-51-001
DPM 6577
ATR 42/ATR 72 SRM
BAE: AVP 2-022
DHMS C4.12 TyII Gr 3 & 4
DPS 3.307
NSN 8030-01-516-6254 (undyed)
Aerosol
NSN 8030-01-531-7364 (undyed)
5 gallon
Cessna CSNP038 Type IX A
(Cor-Ban® 35 undyed)
NSN 8030-01-615-4737 (quart–12/cs)
NSN 8030-01-615-4740 (gallon–4/cs)
Cor-Ban® 35 Undyed
NSN 8030-01-615-4749 (quart–12/cs)
NSN 8030-01-615-4740 (gallon–4/cs)
NSN 8030-01-615-4733
(8 oz. brush in cap)
NSN 8030-01-615-4751
(8 oz. brush in cap undyed)
D-5015 NS  AEROSOL
ZC-015  BULK

AVIONICS, ELECTRONICS
D-5015 NS is a light lubricant that forms a soft, ultra thin protective film to prevent corrosion and disperse water. It is for short-term use on critical metal surfaces in avionics, electrical and electronic components. D-5015 NS is safe for use on most paints, plastics and insulation.

SPECS:
QPL MIL-PRF-81309
Type III Class 2 (aerosol)
Type III Class 1 (bulk)
SIKORSKY SS 8536 Type I

D-5026 NS  AEROSOL
ZC-026  BULK

AVIONICS, CABLES
D-5026 NS is a concentrated version of D-5015 NS designed for medium duty use on critical metal surfaces in electronic assemblies and on electrical and mechanical cables. It is an effective corrosion inhibitor and water dispersant for larger surfaces and retains the lubricating characteristics of D-5015 NS.

SPECS:
QPL MIL-PRF-81309
Type II & III Class 1 (bulk) &
Class 2 (aerosol)
DPM-5707-1 (aerosol)
EMBRAER E 6125-209
SIKORSKY SS 8536 Type I
AD 2002-16-03
NSN 8030-01-603-2129 type III
(aerosol)
NSN 8030-01-603-2131 type II
(aerosol)
NSN 8030-01-524-0114 134 Grade
(aerosol)

D-5082 NS  AEROSOL
ZC-082  BULK

LONG TERM STORAGE,
SELF-HEALING
D-5082 NS is a corrosion preventative for aircraft cables and out-of-service aircraft and HMCs. It is self-healing, features a flexible petroleum base and is easily removed with common solvents. Parts coated with D-5082 NS will stand up to outdoor exposure for two years.

SPECS:
OIL 4501-11SC

D-5035 NS  AEROSOL
ZC-035  BULK

HEAT RESISTANT CIC
D-5035 NS is a heat resistant corrosion preventive formulated to provide long term protection against corrosion. The coating has excellent moisture displacing qualities and adhesion capabilities along with superior metal wetting and acid neutralization properties. The D-5035 NS coating can withstand continuous temperatures up to 350°F (177°C), with short-term exposure up to 430°F (221°C).

SPECS:
DPM 5217

D-5067 NS  AEROSOL
ZC-067  BULK

CORROSION SHIELD,
SELF-HEALING
The protective film is a self-healing and flexible petroleum based formulation. D-5067 NS provides excellent protection for cables, tools, sheets, rod & bar stock. Protects parts subject to handling and storage. It meets and surpasses the severe salt spray and humidity chamber test. It is also very effective in resisting chemical fumes.

SPECS:
MD-10-10
QPL 20-60-04-2
D-5100 NS AEROSOL ZC-100 BULK
PURE SILICONE LUBRICATE DISSIMILAR METALS AND PLASTICS
D-5100 NS pure silicone lubricant is widely used to reduce friction between dissimilar metals, plastics and plastic/metal combinations. It also prevents freezing of door locks and rubber weatherstripping. D-5100 NS lubricant operates in a temperature range of -60 to 600°F. Silicone meets VV-D-1078.

D-5261 NS AEROSOL ZC-261 BULK
CABLES, FLIGHT CONTROLS, HINGES AND JOINTS LUBRICANT/PENETRATING
D-5261 NS is a specially formulated cleaning lubricant and solvent that will penetrate to the heart strand of cables and other tight parts. Short-term corrosion protection is also provided. For use on flight control, engine and landing gear cables; pressure seals; hinges, joints and pulleys.

SPECS:
Contains MIL-PRF-7870

D-5263 NS AEROSOL ZC-5263 BULK
CABLE CLEANER AND LUBRICANT
D-5263 NS is a special blend of oils formulated for cable applications. D-5263 NS has excellent water dispersing qualities and is an excellent rust preventative for general aviation use on precision-machined parts. D-5263 NS is also used to clean pylon bearings before relubrication and for cargo door lubrication.

SPECS:
Contains MIL-PRF-32033
OIL 4501-125C
DPM-5481-1
NATO Code: O-190

D-5330 NS AEROSOL ZC-330 BULK
HIGH TEMP AREAS, THRUST REVERSER LUBE, MOLY OIL LUBE
D-5330 NS is a highly effective lubricant and penetrant for use where high temperatures and friction are present. Use D-5330 NS on reciprocating parts, pistons, and manifold valves. D-5330 NS has little or no effect on plastics or rubber.

SPECS:
DPM-5249
LUB-4503-25C
Approved Thrust Reverser Lubricant: Pratt and Whitney, General Electric

D-5440 NS AEROSOL ZC-440 BULK
TEFLON™ DRY FILM LUBRICANT
D-5440 NS is a fluorocarbon dry film lubricant that can withstand temperatures from the cryogenic range to over 500°F. It has excellent anti-stick properties, will not stain or rust and is chemically inert.

SPECS:
DPM-3494
DMS-1762 Ty 7E
DPM 8645
NSN 9150-01-545-0801

D-5460 NS AEROSOL ZC-460 BULK
ENGINES, HIGH TEMP AREAS, MOLY DRY LUBE
D-5460 NS provides a dry film lubricant that is non-flammable, with excellent high temperature stability to 660°F. It is also effective in engine applications including fan rotor assemblies, and fan reverser pre-cool duct seals. D-5460 NS has strong adhesion qualities and dries fast.

SPECS:
GEAE DFO-A50TF192
LUB 4500-12SC
NSN 9150-01-057-2576 Aerosol
D-5480 NS AEROSOL
ZC-480 BULK
DRY FILM LUBRICANT, GRAPHITE DRY LUBE
D-5480 NS contains no grease, wax or silicone and provides a dry film lubricant stable at temperatures of up to 400˚F. With a fine particulate size graphite, it is well suited for use on small, precision parts.

SPECs:
LUB 4500-35C
P&W Hot Corrosion Compatible
ASTM F 945

D-5920 NS AEROSOL
ZC-920 BULK
ICE RELEASE, RUBBER INSULATION, SEALS
D-5920 NS is a silicone based special grease formulated to coat rubber insulation and seals. It prevents absorption or penetration of water, which may freeze. Use D-5920 NS around cargo and passenger doors, radome seals and other rubber-to-metal joints subject to freezing.

SPECs:
UAL—AGE-3020-SC

D-5933 NS AEROSOL
MULTI-PURPOSE GREASE, M.P. AIRCRAFT GREASE
D-5933 NS is Aeroshell® 33 in an aerosol. The aerosol application allows for precise product application and minimizes waste and build-up in use. D-5933 NS is non-flammable and has excellent corrosion inhibiting and oxidation resistant properties. Used as a general airframe lubricant, D-5933 NS is highly resistant to rubbing and wiping.

SPECs:
BMS 3-33 TY 2
AMS-M 3052
Airbus 09-06-002
Sur-Prep™ AP-1
AEROSOL & BULK
EXTERIOR PAINT ADHESION PROMOTER
Sur-Prep™ AP-1 is a custom formulation for the chemical reactivation of aircraft topcoats. It eliminates the need for “scuffing” the surface to create an adequate substrate for adhesion of subsequent coatings.
SPECS:
D6-1816 Process Doc Decorative Finishes
BMS10-127 “Chemical Reactivator for Paint Applications”
BAC 5308 Application of Stencils
4 oz can: NSN 8010-01-600-1533
11 oz can: NSN 8010-01-600-2254
USAF T.O. 1-1-8

Sur-Prep™ SB642
AEROSOL & BULK
CLEANER POLISH WIPE-ON WIPE-OFF
Sur-Prep™ SB642 is an all-in-one cleaner, degreaser, polish protectant that can be used on both painted and unpainted substrates to clean the surface and leave a residual gloss and shine. Sur-Prep™ SB642 can be applied in all types of weather. Sur-Prep™ SB642 is non-abrasive and is silicone free and is safe on all types of finishes.
SPECS:
Boeing D6-17487
Boeing CSD No. 1
Airbus AIMS 09-00-002
AMS 1550
AMS 1526
AMS 1650 (except viscosity)

Sur-Prep™ 608
AEROSOL
ACTUATED CIRCUIT CLEANER
Sur-Prep™ 608 contains no ozone depleting chemicals and is excellent for precision cleaning and degreasing of activated circuits, switches, motors, and avionics and is safe for use on a broad range of plastics and insulating coatings. It is non-flammable, non-corrosive and fast evaporating.
SPECS:
Mil-PRF-29608 Ty I Class C
Boeing D6-17487

Sur-Prep™ 3160
AEROSOL & BULK
CLEANER FOR BONDING AND PAINTING
This hydrocarbon-based wipe-on wipe-off cleaner is used to enhance the adhesion of coatings and sealants.
SPECS:
MIL-PRF-680 Ty II (Ty I & III also available)
AMS 3160
TT-T-291
A-A-2904
Bombardier CPM PSM 1-84-18-08-10 (Task)

Sur-Prep™ 5673
AEROSOL & BULK
FLUX REMOVER
Sur-Prep™ 5673 facilitates fast and efficient removal of flux residues associated with bench top avionics repair. This multi-functional azeotrope is also effective as a contact cleaner for energized circuits with efficacy on a broad range of organic and inorganic contaminants. Check compatibility on certain rubber and plastic substrates.
SPECS:
Boeing D6-17487
ASTM D-877

Sur-Prep™ 5602 NS
AEROSOL
ELECTRO-FREEZE
Sur-Prep™ 5602 NS is an effective aid in locating defective components in electrical and avionics circuitry. Sur-Prep™ 5602 NS can also prevent heat transfer during soldering. It is non-flammable and ozone safe.
SPECS:
UAL GAS 3001-SC

Sur-Prep™ 5604 NS
AEROSOL
PRECISION INSTRUMENT DUST REMOVAL
Sur-Prep™ 5604 NS uses non-ozone depleting compounds to generate a highly filtered stream of dry air for cleaning. Sur-Prep™ 5604 NS effectively removes dust and other contaminants from precision parts and instruments. Pressurized to 120 PSI, the aerosol is moisture-low for truly clean contacts and assembly.
SPECS:
DPM 5148
D-5640 NS AEROSOL
ZC-640 BULK
GENERAL PURPOSE
PRECISION CLEANER
D-5640 NS is a general purpose cleaner for removal of CICs, cleaning before painting, equipment degreasing and parts washing. It is also used in pressure cleaning and handwipe applications. It is free of materials on the EPA list of toxic/hazardous substances and CFCs. It is biodegradable, and leaves no residue.

SPECs:
Boeing D6-17487
CSD-1
ASTM F 945
FedEx E.O. 9-3100-7-5001
NSN 8030-01-597-6958

Sur-Prep™ 123
OXYGEN SYSTEM CLEANER
Sur-Prep™ 123 is an environmentally sensible solvent, designed to replace HFC-225 in a variety of applications. Its solvency and physical properties make Sur-Prep™ 123 ideal for precision cleaning, drying of high sensitivity parts, and cleaning of oxygen systems. Sur-Prep™ 123 is an excellent solvent replacement for a variety of cleaning processes such as instruments, APU kits, bearings and oxygen system equipment. Sur-Prep™ 123 solvent is the preferred solvent for cleaning LOX systems according to NASA/TP-2015-218207.

SPECs:
NASA/TP-2015-218207

Sur-Prep™ 5677 AEROSOL & BULK
PREP PAINTING AND BONDING
Sur-Prep™ 5677 is a fast evaporating solvent blend that works on both oil and oil-bonded contaminants. This product is used for preparing critical surface areas prior to painting or bonding as well as electrical contacts. Sur-Prep™ 5677 helps coatings and sealants adhere to aircraft substrates by efficiently solvating a broad range of contaminants from the substrate surface.

SPECs:
Boeing D6-17487
CSD No. 1
Airbus AIMS 09-00-002
AMS 3167

Sur-Prep™ 5606
HYDRAULIC FLUID-BASED CLEANER
Sur-Prep™ 5606 is aerosolized Mil-PRF-5606 hydraulic fluid that can be sprayed on to approved wiper material. Sur-Prep™ 5606 is used to wipe down the landing gear to remove the contaminants during maintenance, assembly, and overhaul. The hydraulic fluid in the aerosol is compatible with the various elastomers and substrates of the landing gear assembly. Sur-Prep™ 5606 contains Castrol Brayco® Micronic 756 fluid, which is on the QPL for Mil-PRF-5606. Sur-Prep™ 5606 is also available on a single, pre-saturated AMS approved towelettes.

SPECs:
Mil-PRF-5606

Sur-Prep™ AR-58 AEROSOL & BULK
ADHESIVE REMOVER
SurPrep™ AR-58 is a solvent blend that removes various adhesives. SurPrep™ AR-58 works to remove adhesives from various substrates including metal and paper. It is recommended that it be tried on small areas for compatibility with plastics. SurPrep™ AR-58 evaporates completely so that there is no residual left behind to interfere with future bonding and can be used on paper and porous surfaces without remaining imbedded in the substrate.

SPECs:
AMS 1320 (Partial)
AMS 3167 (Partial)
CSD No. 1 (Partial)

D-5665 NS AEROSOL
ZC-665 BULK
ZERO ODP CONTACT CLEANER
D-5665 NS exhibits zero ozone depletion, total non-flammability and is a safe and effective cleaning agent. It is extremely useful in and around activated circuits where flushing and fast drying are essential.

SPECs:
BAC 5750
BAC 5402
Mil-STD-1330

D-5695 NS AEROSOL
ZC-695 BULK
ECONOMICAL CONTACT CLEANER
D-5695 NS cleans mission-critical electrical connectors in fire detection systems. It delivers an uncontaminated, ultra filtered stream of methanol to the exact area desired. Also used for general cleaning of hermetic connectors, PC boards and other parts.

SPECs:
ASTM D-1152
EXTERIOR AIRCRAFT CLEANERS

CallaSolve™ 120 BULK
HEAVY DUTY EQUIPMENT CLEANING
CallaSolve™ 120 is a water dilutable, terpene-based emulsion cleaner. It is for heavy duty cleaning of aerospace equipment including aircraft, ground equipment and AGE engines. CallaSolve™ 120 is authorized for use on general aircraft per T.O. 1-1-691 and T.O. 1C-135(K) A-3-4 for cleaning.

SPECS:
MIL-PRF-87937 Type 1
DPM 5278-1
T.O. 1-1-691

Calla® 301A
DEGREASER, LARGE SURFACES
Zip-Chem®’s Calla® 301A is for degreasing and cleaning large surface areas. Calla® 301A features a completely biodegradable formulation with no petroleum-based solvents. Calla® 301A will not harm aluminum, magnesium, copper, steel or other metals. Calla® 301A rinses easily and leaves no residue.

SPECS:
CSD-1
AMS 1526
AMS 1550
BAC 5744
Boeing D6-17487

Calla® 800 BULK
EXTERIOR WASH
Calla® 800 is a general-purpose exterior cleaner formulated to meet US Air Force and other specifications. This product is effective in a wide range of concentrations and is fully biodegradable. The material is authorized for use in aqueous cleaning per T.O. 1-1-691 or T.O. 1C-135(K) A-3-4.

SPECS:
QPL Ref. SFTT-85-05
MIL-PRF-87937 Type II

Calla® 804
CLEANING AND DEGREASING COMPOUND
Calla® 804 is a cleaner used on heavy deposits of grease, oil, hydraulic fluid and carbon. Its effective cleaning capability is matched with low toxicity in a neutral pH, biodegradable formulation. Calla® 804 has no flash point and generates very little odor. Use Calla® 804 as a full aircraft wash and for interior spot cleaning.

SPECS:
MIL-PRF-87937 Ty IV

Calla® 8050 BULK
WHEEL Wells, FLAP Wells
Calla® 8050 is a non-solvent, gel cleaner specifically formulated for wheel wells and landing gear. An alkaline, water-based formulation, Calla® 8050 provides longer dwell time in critical cleaning areas and will help maintain surfaces that are oxide-free, clean and shiny.

SPECS:
AMS 1533
CSD-1

AN-2001P BULK
EXTERIOR DRYWASH AND POLISH
AN-2001P is recommended for cleaning and protecting all painted surfaces. AN-2001P includes UV absorbers to enhance the quality and durability of aircraft surfaces. Apply with a mop or any standard wax applicator and buff off when dry.

SPECS:
CSD #1
Boeing D6-17487
AMS 1650 Types 1 and 2

Jet Brite™ 550
EXTERIOR DRYWASH AND POLISH
Jet Bright™ 550 is a polishing paste used to clean and brighten bare aluminum. It can be used to remove oxidation and brighten painted surfaces as well. Jet Brite™ 550 also includes UV absorbers for increased quality and durability of aircraft surfaces. It can be applied with a mechanical buffer or by hand.

SPECS:
CSD #1
Boeing D6-17487
AMS 1650 Types 1 and 2

Calla® 805
LOW-VISCOSITY 8050
Calla® 805 is an environmentally safe, non-solvent alkaline cleaner. It is a completely non-toxic heavy duty cleaner specifically designed to clean the build-up of soils and contaminants found on the aircraft. The product is safe for use on all aircraft substrates and coatings. Calla® 805 can be used in conjunction with Zip-Strip™ 125M to provide a complete aircraft exterior wash system that will remove the toughest grime and stains.
Zip-Strip™ 125
AEROSOL & BULK
WATER RINSEABLE
CIC REMOVER
Zip-Strip™ 125 is for the removal of wet, waxy and/or dry film corrosion inhibiting compounds (CICs). It can be rinsed with water and is extremely effective against MoS2 grease, hydraulic fluid, wax and carbon deposits. Use throughout the aircraft without concern for damage to paint, sealants or acrylic surfaces.

SPECs:
D6-17487
GAC115AD

Zip-Strip™
125 M AEROSOL & BULK
HEAVY DUTY CIC REMOVER
Zip-Strip™ 125 M was designed specifically for removal of wet, waxy and/or dry film CIC’s (corrosion inhibiting compounds). The material is water rinseable and is very effective even after short dwell time. The product is extremely effective on a wide range of aviation soils such as MoS2 grease, hydraulic fluid, wax and carbon deposits. Zip-Strip™ 125 M can be applied by aerosol, airless, air-assist, dipping, or brushing. Zip-Strip™ 125 M does not contain any terpenes.

SPECs:
D6-17487
AIMS 09-00-002

Calla® 500 BULK
EXHAUST STAIN REMOVER
Calla® 500 is a highly concentrated and versatile alkaline water base cleaner that meets all requirements of specification Mil-C-25769. It is primarily intended for removal of exhaust stains and general aircraft cleaning. When tests are conducted in accordance with Mil-C-25769, Calla® 500 is safe on aluminum alloys, magnesium alloys and cadmium plated steel; does not cause crazing or cracking of acrylic base plastic under stress and there is no attack on the plastic.

SPECs:
Mil-C-25769
AMS-1526
D6-17487
CSD-1

Calla® 296 BULK
CONCENTRATED PARTS CLEANER – EMULSION TYPE
Calla® 296 is for use in aqueous parts washing cabinets. It is low foaming at temperatures as low as 160°F and removes dirt and grease from parts.

SPECs:
Source Control Drawing 9825019
Rev. C
Mil-C-29602 except Section 3.7 (pH)
T.O.-4B-1-32, 4S-1-182, 4W-1-61
NSN: 6850-01-485-5950
6850-01-485-5932
6850-01-485-5972
AF DWG 9825019-17,-19,21

Calla® 602 LF BULK
CONCENTRATED PARTS CLEANER – NON-EMULSION TYPE
Calla® 602 LF is an aqueous parts washer cleaner effective at 5% dilution with water. It is low foaming at temperatures as low as 130°F and quickly separates from oils and greases to allow effective use of skimming wheels.

SPECs:
Source Control Drawing 9825019
Rev. C
Mil-C-29602 except Section 3.7 (pH)
T.O.-4B-1-32, 4S-1-182, 4W-1-61
NSN 6850-01-513-5230 (1 gallon)
NSN 6850-01-513-5237 (5 gallons)
NSN 6850-01-513-5233 (55 gallons)
AF DWG 9825019-17,-19,-21
NSN 6850-01-621-2027 (gallon 4/cs)
### Interior Aircraft Cleaners

**X-200 12-oz. Plastic Bottles Gum and Adhesive Remover**
X-200 removes gum, adhesives, crayon marks, lipstick, mascara and tar from carpeting, upholstery, metal and plastic surfaces. It leaves no residue.

**SPECS:**
- CSD-1
- Flame Retardant AMS 1630
- Poly Test per MIL-C-85570

**X-405 Spray Bottle & Bulk Glass Cleaner/EFIS Wipes**
X-405 is a water based alkaline transparency cleaner, with no solvents. X-405 is non-toxic, non-flammable and biodegradable.

**SPECS:**
- AMS 1535; 1534 Ty I
- ARP 1755
- Rockwell Collins SIL 00-2
- NSN 6850-01-624-1757
- NSN 7930-01-595-1214
- NSN 6850-01-627-5474 (EFIS 50/cs)

**Calla® 301A Lemon Bulk Degreaser, Large Surfaces**
Calla® 301A Lemon degreaser is for cleaning large surface areas. It is biodegradable with no petroleum-based solvents. It will not harm aluminum, magnesium, copper, steel or other metals and rinses easily with no residue.

**SPECS:**
- CSD-1
- AMS 1526
- AMS-1550

**Odor Fresh Pump Spray & Bulk**
Odor Fresh is a water based pump spray odor neutralizer. Odor Fresh neutralizes both basic and acidic odors at the same time using its unique chemistry. It is non-flammable, non-toxic, and biodegradable. Odor Fresh contains a pleasant fragrance to replace the odor that has been neutralized. Odor Fresh is safe on all surfaces and contains no alcohol, solvents or propellants.

**SPECS:**
- AMS 1550
- Boeing D6-17487
- Boeing CSD-1.

**AN-300 D Bulk Toilet Deodorant**
AN-300 D is a non-formalin based, non-toxic toilet deodorant. AN 300 D is a dark blue liquid with a cherry odor.

**SPECS:**
- AMS 1476

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### Disinfectant Cleaners

**AeroDis™ 7127 Towelette, Canister, Spray Bottle Botanically-Based RTU**
AeroDis™ 7127 cleans, disinfects and deodorizes in one easy step. No rinse required, even on food contact surfaces and children’s toys. Kills over 99.9% of germs botanically including: Influenza A2, Avian Influenza A (H3N2), HIV-1, Pseudomonas aeruginosa (ATCC 15442), Rhinovirus type 37, Salmonella enterica (Salmonella choleraesuis) (ATCC 10708), Staphylococcus aureus (ATCC 6538) and MRSA (ATCC 33592). AeroDis™ 7127 is suitable for use on all hard, non-porous surfaces including airplane surfaces & cavi-ties, aircraft lavatories, galleys, windows and transparencies, tray tables, service trays, overhead bins, arm rests, head rests, vinyl walls, bulkheads, and any other hard surfaces on aircraft.

**SPECS:**
- AMS 1452
- AMS 1550
- Boeing D6-7127

**Calla® 1452 Concentrated Disinfectant, Hard Surface Cleaner**
Calla® 1452 Neutral Disinfectant Cleaner is a phosphate-free, pH neutral formulation designed to provide effective cleaning, deodorizing, and disinfection. Calla® 1452 exhibits effective virucidal activity against HIV-1, HIV-2, HBV, HCV, Herpes Simplex (see label for full list).

**SPECS:**
- AMS 1453
- AMS 1452 Disinfectant
- AMS 1530B Wipe-off Cleaner
- NSN: 6850-01-561-3126 (32 oz spray)
- USAF T.O. 1-1-691 1C-5A-23-1
- NAVAIR 01-1A-509-2
- TM 1-1500-344-23-2
- NSN 6850-01-600-4177 (5 gallon)
Quick Reference

SPECIALTY CLEANERS

Specialty Cleaners Application

- Oxygen Systems
  - Flammable
    - Parts Washer
      - Calla® 296 (page 11)
    - Spray and Wipe
      - Sur-Prep™ 5606 (page 9)
  - Non-Flammable
- CIC Removal
  - Spray and Wipe
    - Sur-Prep™ 123 (page 9)
  - Water Rinse
- Gum Removal
  - X-200 (page 12)

Landing Gear

- Parts Washer
  - Calla® 602LF (page 11)
- Spray and Wipe
  - Sur-Prep™ AR-58 (page 9)

Spray and Wipe

- D-5695 NS (page 9)
- D-5665 NS (page 9)
- D-5640 NS (page 9)
- Zip Strip™ 125 (page 11)

Water Rinse

- D-5665 NS (page 9)
- Sur-Prep™ 5602 NS (page 8)

Dust Removal

- Sur-Prep™ 5604 NS (page 8)
- D-5665 NS (page 9)
Quick Reference

AVIONICS CLEANERS

Avionics Cleaner Application

General Avionics Cleaning

De-Fluxing

Flammable

Non-Flammable

Flammable

Non-Flammable

Spray and Wipe

Fast Evaporating

Fast Evaporating

Fast Evaporating

Fast Evaporating

D-5640 NS (page 9)

Sur-Prep™ 5677 (page 9)

Sur-Prep™ 5677 (page 9)

Sur-Prep™ 5665 NS (page 9)

Sur-Prep™ 5673 (page 8)

Sur-Prep™ 608 (page 8)

Durable Plastics or Metal Components

Sensitive Plastics Present (acrylic & polycarbonate)

Heavy Soil Removal

Flushing or Light Soil Removal

Sensitive Plastics Present (acrylic & polycarbonate)

Sensitive Plastics Present (acrylic & polycarbonate)

Sensitive Plastics Present (acrylic & polycarbonate)