



	Description	Military Specification	QPL'ed	QPL Test #	Commercial Aircraft Specification
Citrikleen HD	Aerospace equipment cleaner	N/A	N/A		1. United Airlines Exterior Aircraft specs. 2. AMS 1526A " " 3. Douglas Aircraft CSD-1 4. ARP 1755 5. General Electric CT-882 6. Pratt & Whitney hot metal corrosion 7. Continental Airlines exterior cleaner 8. General Electric engine cleaning F101, F118, F110-129, 400 & 1004 engines
Citrikleen XPC	Solvent Cleaner and Degreaser, Water Soluble	N/A	N/A		Pratt & Whitney PMC 9051C (dr.: 9051-1)
Formula 724 (Pensolv L1060)	Dry cleaning and degreasing solvent	N/A			General Electric P-D-680 replacement F101, F118, F110-129, 400 & 1004 engines
Formula 725 (Pensolv L1099)	Dry cleaning and degreasing solvent	PD-680B/A-A-59601BTy. III	N/R		Boeing BAC 5750
Formula 730	Cleaning compound, fuel tank and bilge	MIL-C-22230B	N/R		
Inhibisol OS	Trichloroethylene, Technical & Vapor Degreas.	ASTM D4080 (O-T-634C)	N/R		
Navee 427 (WP Argentina form.)	Aircraft Exterior Cleaner	none	N/A		AMS 1526B, CSD-1, D6-17487 Rev. L
Penair 427 (WP Argentina form.)	Aircraft Exterior Cleaner	none	N/A		AMS 1526B, CSD-1, D6-17487 Rev. L
Penair C5572	Cleaning Compound, Aircraft Exterior	MIL-PRF-85570D Type II	Yes	4123Ser434100A/3985	none: supersedes M5572B
Penair C5575	Cleaning Compound, Aircraft Exterior	MIL-PRF-85570D Type V	Pending	formula in long term storage	none: supersedes M5575
Penair D-6549	Descaling compound, alkaline, hot section jet engine parts	MIL-D-26549A (canceled) (Replaced by AMS 1380A on 3/15/94)	N/R		AMS 1380A
Penair HD-1 & RTU Pump Spray	Aerospace Equipment cleaner	MIL-PRF-87937D Type I	Yes	AFTT06-001	Boeing D6-17487 Rev. L/7127 Rev. L* * - conforms except for flash point
Penair HD-2	Aerospace Equipment cleaner	MIL-PRF-87937C Type II	Yes	SFTT96-001	note: Type II dropped 11/03
Penair HD-3	Aerospace Equipment cleaner	MIL-PRF-87937D Type III	Yes	AFTT06-002	1. Douglas Aircraft CSD 1 2. Boeing D6-17487 Rev. L 3. Continental Airlines exterior cleaner
Penair HD-3A	Aircraft Exterior Cleaner	none	N/A	N/A	AMS 1523/MIL-PRF-87937C cleaning
Penair HD-4 & RTU Pump/Aerosol	Aerospace Equipment Cleaner	MIL-PRF-87937D Type IV	Pending	product under test	



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Penair M-1956	Detergent, external removable fuel tanks	MIL-D-81956A	Yes	4123 SER6062/02620	spec nominally canceled
Penair M-3616	Cleaning compound, aircraft surface	MIL-C-43616C Amend. 2	Yes	4123Ser434100A/7.3300	
Penair M-5571/Penair M5571 Aerosol	Cleaning compound, aircraft surface	MIL-PRF-85570D Type I/Type 1A	Yes	4123 SER6062/03209	Douglas Aircraft CSD 1
Penair M-5572B	Cleaning compound, aircraft surface	MIL-C-85570B Type II (*Superseded by MIL-PRF-85570)	Yes*	4123 SER6062/007268	Douglas Aircraft CSD 1
Penair M-5575	Cleaning compound, aircraft surface	MIL-C-85570B Type V	Yes*	4123 SER6062/009072	Douglas Aircraft CSD 1
Penair M-5704A	Turbine engine gas path cleaner	MIL-PRF-85704C Type I	Yes	GPC-4-SBC-CW	Solar Turbines ES-9-62/9-62-1 Pratt & Whitney SPMC 87-7/P&W Canada
Penair M-7936	Cleaning compound, aircraft surface	MIL-C-87936A Type I (Superseded by MIL-PRF-87937)	Yes	SFTT88-01	AMS 1526A, 1550A; CSD-1, D6-17487 Rev. H
Penair 1641	Moderate Acid, Thickened Corrosion Removal Cmpd., aircraft	MIL-C-38334A (canceled)	No		AMS 1640B
Penair 1642	Higher Acid, Thickened Corrosion Removal Cmpd., aircraft	MIL-C-38334A (canceled)	No		
Penetone 1090	Cleaning compound, degreasing and depreserving	MIL-PRF-11090H with amendment 1	N/R	Q1508 (QPL DSGN BN292) (for D-F versions of spec.)	
Penetone 1107	Cleaning compound, high pressure cleaner, liquid	MIL-C-22542B (canceled) (replaced by AMS-C-22542 9/21/98)	Yes*	6062/4154	AMS-C-22542 * QPL to AMS spec. issued 5/20/02
Penetone 1111	Carbon removing compound	P-C-111D Type I (Canceled)	Yes	Q943 (QPL DSGN J30820-1)	Spec Canceled 7/9/04
Penetone 1112	Carbon removing compound	P-C-111D Type II (RTU) (Canceled)	Yes	Q934 (QPL DSGN J30820)	Spec Canceled 7/9/04
Penetone 1112A	Carbon removing compound	MIL-PRF-87937 Corrosion	N/A	Tinker AFB local requirement	
Penetone 2431 (Formerly De-icer 8243D Type I)	Aircraft De-icer, Propylene Glycol based	MIL-A-8243D Type I (Canceled)	N/R		Replaced by AMS 1424 as of 12/17/01
Penetone 2432 (Formerly De-icer 8243D Type II)	Aircraft De-icer, Ethylene Glycol/Propylene Glycol blend	MIL-A-8243D Type II (Canceled)	N/R		Replaced by AMS 1424 as of 12/17/01
Penpower 150H	Cleaning Compound, Alkali, Boiling Vat (soak) or Hydrosteam	CID A-A-59146A	N/R	Supercedes P-C-436E	
Penpower 150HM	Cleaning compound, high pressure steam cleaner	CID A-A-59133A	N/R	Supersedes P-C-437B	
Penpower 225L	Cleaning Compound, Alkali, Boiling Vat (soak) or Hydrosteam	CID A-A-59146A	N/R	Supercedes P-C-436E	



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Penpower 226H	Cleaning Compound, Alkali, Boiling Vat (soak) or Hydrosteam	CID A-A-59146A	N/R	Supercedes P-C-436E	
Penpower 420M	Corrosion removing cmpd., sodium hydroxide base for immersion tanks	CID A-A-59261	N/R	Supersedes MIL-C-46156	
Penpower 430L	Corrosion removing cmpd., sodium hydroxide base for electrolytic or immersion application	CID A-A-59260	N/R	Supersedes MIL-C-14460C	
Pensovl K4HP	Wipe solvent cleaner	N/A	N/A		Grumman GS115VR1
Pensovl K4	Wipe solvent cleaner	N/A	N/A		Grumman GS115VR2
Pensovl L4	Wipe solvent cleaner	N/A	N/A		Grumman GS115VP1
Pensovl L54	Wipe solvent cleaner	N/A	N/A		Grumman GS115WK1
Pensovl L805	Wipe solvent cleaner	N/A	N/A		1. General Electric GE-CT882 2. Pratt & Whitney Hot metal corrosion
Pensovl L945	Wipe solvent cleaner	N/A	N/A		Grumman Aircraft specs.
Pensovl L1009	Dry cleaning and degreasing solvent	P-D-680B/A-A-59601B Ty. I	N/R		Boeing BAC 5750, ASTM D235 Type III
Pensovl L1042	Dry cleaning and degreasing solvent	P-D-680B/A-A-59601B/MIL-PRF-680 Ty II	N/R*	<i>*Needed for MIL-PRF-680</i>	Boeing BAC 5750
Pensovl PB2000	Quick Drying, High Purity, Electrical Contact Cleaner	N/A	N/R		
Pensovl PSC	Quick Drying, High Purity, Plastic Safe Electrical Contact Cleaner	N/A	N/R		
Penstrip E399	Aircraft Equipment Paint Stripper	N/A	N/A		Boeing D6-17487 Revision L
Penstrip G	Remover, paint and lacquer, solvent type	MIL-R-25134B	No		
Penstrip M-3936B	Remover, paint, tank type for aircraft wheels, landing gear components, and other aircraft/AGE components	MIL-R-83936B	Yes	MMIRFW-88-2 (spec. superseded by MIL-PRF-83936C)	
Penstrip NP	Carbon removing compound (for use in agitated tanks)	MIL-C-19853C	No		
Penstrip NPX	Remover, acid activated, for amine-cured epoxy coating systems	MIL-R-81903A Type II, Class II	No		
Plane Naked	HAPS Free Non Methylene Chloride Paint Release Agent	None	N/A		Boeing BAC 5765, CSD-1, DPM 5549
Plane Naked NP	HAPS Free Non-Methylene Chloride (non peroxide) paint stripper	Tinker AFB, Hill AFB	N/A		



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Power Cleaner 310L	Cleaning compound, jet washer and ultra-sonic (similar to MIL-C-29602 use)	Hill AFB Wheel/Tire	N/R		1. Boeing BAC 5763 Rev.D Type II Class 1&2 Grade A&B 2. ARP 1755 3. GE-CT882 4. Pratt & Whitney hot metal corrosion
Sanikleen 10%	Aircraft interior cleaner	N/A	N/A		1. Boeing D6-7127 2. Continental Airlines interior cleaner
TPC Solvent	Dry cleaning and degreasing solvent	P-D-680B/A-A-59601B Ty. I	N/R		Boeing BAC 5750
Wescodyne Plus	Disinfectant, detergent, general purpose (iodophor)	CID A-A-1440A	N/R		
Window Jetkleer	Aircraft Transparency Cleaner	T.O. 1C-135(K)R2-2GA-2 (for KC-135s)	N/R		AMS 1535B