

AQUA ENGINEERS LIST OF DETERGENTS FOR USE AT O/W SEPARATORS

(See Remarks for Approval/Disapproval)

U.S. Army Garrison, Hawaii - Environmental Compliance Guide					2010-1st Edition
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Product Name	Manufacturer	NSN/Serial No.	Usage	Tested By	Remarks
Approved Cleaners					30 Jun 2016 (Supercedes 31 Mar 2016 list)
Citrus Based Cleaner, CBC-4	American Cleaning Solutions	None	Multi-purpose cleaner. For wash racks, pressure washers and steam cleaning.	DPW	Water based. Compatible with o/w separators, minimal emulsification.
B&B 1995	B&B Chemical Co	6850-01-234-0219	Aircraft Surface Cleaner	DPW	
Brewerfloc OWS	Brewer Environmental Industries, LLC	Stock No. 407-1996	Cleaner/Degreaser	DPW	Dilute 1 part with 50 parts water (1:50).
Wash & Free	Brewer Environmental Industries, LLC	None	Cleaning of soiled surface. Multipurpose cleaner.	DPW	Biodegradable and o/w separator compatible.
Wash & Wax	Brewer Environmental Industries, LLC	None	Cleaner/Degreaser	DPW	
Clean Split	Certified Laboratories	No number at this time.	Cleaner/Degreaser. Used where wash water and rinsate are discharged to any type of oil/water separator.	DPW	Dilute 1 part with 64 parts water (1:64).
Duo-Split	Chemsearch, Division of NHC Corporation	Chemsearch, Division of NHC Corporation	Cleaner/Degreaser	DPW	Dilute 1 part with 8 parts water (1:8).
Enviroklean	Coast Products, Inc.	NSN #6850-01-450-9805/9810/9813	Cleaner/Degreaser	AE	
EcoLine	Cortec Corporation	None	Cleaner/Degreaser	DPW	Dilute 1 part with 20 parts water (1:20).
Dash-It (AMC511/4U)	DASH Pacific Corp	None	Cleaner/Degreaser	AE	
Eldorado ED-563 Aircraft Cleaner	Eldorado Chemical Co	6850-00-181-7594	Aircraft Cleaner	DPW	
EZE 457	EZE Products Inc	6850-01-234-0219	Aircraft Surface Cleaner	DPW	
MA-102	JAD Chemical Co., Inc.	NSN #6850-01-378-0401; #6850-01-378-0425; #6850-01-378-0402	Aircraft surface cleaning. Removes heavy soils, grease and oil from aircraft surface.	DPW	O/W separator compatible.

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Product Name	Manufacturer	NSN/Serial No.	Usage	Tested By	Remarks
MA-109C	JAD Chemical Co., Inc.	NSN #7930-01-442-5893; #7930-01-442-5891	Aircraft engine flush, turbine engine gas path cleaner.	DPW	AE conditionally approved for aircraft engine/turbine engine flush and gas path cleaner only. Biodegradable.
MA-110 RTU	JAD Chemical Co., Inc.	NSN #7930-01-442-5394; #7930-01-442-5392	Aircraft engine flush, turbine engine gas path cleaner.	DPW	AE conditionally approved for aircraft engine/turbine engine flush and gas path cleaner only. Biodegradable.
Jadco Chemical Ltd, Aqua Mate 1 & 60 (AM-1 & AM-60)	Jadco Chemical Ltd.	None	Use at wash racks. Non-emulsifying.	DPW	Both React #1 and #2 must be used together in accordance with the manufacturer's instruction. Formally known as React#1 and #2.
Kitchen Mate Dishwashing Detergent	LBH Industries	7930-00-880-4454 7930-00-899-9534	Cleaner/Degreaser	AE	Dilute 2.5 ounces in 10 gallons water.
Hurrisafe (8015) HK-188 Aircraft Exterior Cleaner	PCI of America	NSN #6850-01-373-5865	Aircraft exterior cleaner. Exterior surface cleaner	DPW	Biodegradable and o/w separator compatible.
Citrikleen	Penetone Corp.	NSN #7930-01-350-7035	Cleaner/Degreaser	DPW	AE conditionally approved for use at 5% mixture.
Penair C5572	Penetone Corp.	NSN #6850-01-235-0872	Cleaner/Degreaser	AE	
Blue Coral High Foam Car Wash Concentrate	Pennzoil-Quaker State Company	Stock No. WC107G	Cleaner/Degreaser	DPW	
EZ Clear, MasterClear	Plastek LLC	6850-00-PWE4593	Cleaner/Degreaser	AE	
Gator Wash H.D.	Product Services Company (PSC)	None	Use in steam cleaners, pressure washers, wash racks, parts washer and o/w separators.	DPW	

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Product Name	Manufacturer	NSN/Serial No.	Usage	Tested By	Remarks
Zep Aviation Nav-II	Zep Manufacturing Company	None	Cleaner/Degreaser	AE	
Zep-O-Shine	Zep Manufacturing Company	None	Cleaner/Degreaser	DPW	

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Disapproved Cleaners	30 Jun 2016 (Supercedes 31 Mar 2016 list)
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MicroKleen Industrial Cleaner & Degreaser PLC-1	Adsil	None	Industrial cleaner & degreaser.	DPW	High pH.
MicroKleen Concrete Cleaner & Degreaser	Adsil	None	Concrete Cleaner & degreaser.	DPW	High pH. Does not separate within 30 min time limit.
Tuff Job Degreaser/Cleaner	American Cleaning Solutions	None	Oil and grease cleaner.	DPW	High pH. Does not separate within 30 min time limit.
Cut-Thru	Certified Labs, Division of NHC Corporation	None		DPW	Emulsifies.
Car-Shine	Certified Labs Div	None	Cleaner/Degreaser	DPW	Emulsifies.
GRR	Certified Labs Div	None	Cleaner/Degreaser	DPW	Emulsifies.
Power Gloss	Certified Labs Div	None	unknown	DPW	Surfactant.
Duo-Power	Chemsearch, Division of NHC Corporation	None	Heavy Duty Cleaner, steam cleaning and degreasing.	DPW	High pH (12.40) at concentrated form.
Green Advantage Duo-Power Green (330 GA)	Chemsearch, Division of NHC Corporation	None	Cleaner/Degreaser	AE	High pH (11.00) at concentrated form.

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Orange Muscle	Coast Products, Inc.	NSN #6850-01-416-8438/8441/8439	Oil and grease cleaner. Emulsifies.	DPW	Emulsifies. Biodegradable.
Tuff Job Degreaser / Cleaner	Cooke Industries, Inc.	None	Oil and grease cleaner.	DPW	Emulsifier. Biodegradable. Not compatible with calcium hypochlorite and potassium permanganate, which are WWTP chemicals.
Bullfrog	Cortec Corporation	VCI-416	Heavy duty cleaner/degreaser	DPW	High pH.
Dash-It (MC509/4U)	DASH Pacific Corp	None	Cleaner/Degreaser	AE	High pH (12.93).
Alodine 1201	Henkel Surface Technologies	NSN #8030-00-823-8039, 8030-00-065-0957, 8030-00-142-9272	Corrosion resistant coating.	AE	Low pH (1.69). Contains hazardous materials - chromium and potassium ferricyanide.
Dishwashing Compound	LHB Industries	NSN #7930-00-880-4454	Oil and grease cleaner. Surfactant blend.	DPW	Surfactant blend and emulsifying characteristics.
Daraclean 282GF	MAGNAFLUX	NSN #6850-01-423-2723/2726	Cleaner/Degreaser	AE	High pH (11.85).
MC509/4U	Metalube Corporation	None	Cleaner / Degreaser. Petroleum base oils and grease floats to the surface.	DPW	High pH (12.83).
Hydrofoil	Mission Laboratories	None	Car wash and wax.	DPW	
Power Green	LHB Industries	NSN# 7930-01-373-8849, 7930-01-373-8848, 7930-01-373-8845, 7930-01-373-8844	Concentrated Cleaner / Degreaser.	AE	High pH (11.00).
PCI Fleet (X-449)	Mission Laboratories	None	Heavy duty steam cleaning compound. Grease and dirt cleaner. Surfactant and emulsifiers.	DPW	Surfactant. Emulsifier. pH 13.0 plus. Biodegradable.

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Citric Acid, Anhydrous, Technical (Citric Acid Feed)	Poly Research Corp	None	Cleaner/Degreaser	DPW	pH too low.
Simple Green	Sunshine Makers	Various	Cleaning Compound. Oil, grease and dirt cleaner. Surfactant.	DPW	Surfactant and emulsifier. Biodegradable.
Greasolve	Testron International	None	Grease Solvent	DPW	Emulsifies.
Quik-Sol HP	Testron International	None	Cleaner/Degreaser	DPW	
Vee Wash	Testron International	None	Cleaner/Degreaser	DPW	Emulsifies.
Aircraft Cleaner II	Zep Manufacturing Company	None	Cleaner/Degreaser	AE	High pH at all dilutions (pH > 9.17)