



SWSI

Southern Welding Systems International LLC

Welding | Industrial | Safety

International Wholesale Distribution

Contact us for Pricing:

Phone: 281-485-9772 | Fax: 281-485-4386

Email: Sales@swsintl.com | Website: www.swsintl.com

Address: 3908 1st Street Pearland, Texas 77581



"MAGNAFLUX Daraclean® brand cleaners and corrosion inhibiting additives are multi-metal safe and packed with soil rejecting properties that promote self-cleaning and prolong bath life."

effective



Magnaflux Daraclean® brand aerospace approved cleaners and corrosion inhibiting additives have been formulated to deliver superior performance effectiveness across a broad range of soils and surfaces.

Superior Formulations

NEUTRAL CLEANERS

Daraclean® 121 Industrial Cleaner

Daraclean® 121 Industrial Cleaner is a mild, neutral cleaning solution formulated with a blend of surfactants and corrosion inhibitors. It is effective on most surfaces, and all components are FDA approved for indirect contact with food.

Applications: Designed to be used by hand and with immersion and ultrasonic applications, Daraclean® 121 is an excellent cleaner for use on a broad spectrum of soils. It has been proven excellent at removing food grade lubricants, machining fluids, lube oils, motor oils, and buffing compounds. Using mild, neutral surfactant chemistry, oils and solids are broken down and pulled free from part surfaces. Foaming action allows the cleaner to penetrate into crevices and holes, rinsing freely with no remaining residue.

Part Number & Container Size:

01-6140-45 55 Gal. Drum



Daraclean® 212 Aerospace Cleaner

Daraclean® 212 Aerospace Cleaner is an aerospace approved foaming, all-purpose neutral cleaning solution. Formulated with a blend of surfactants, emulsifiers, and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for ultrasonic applications, Daraclean® 212 is safe for use with most metals and is non-aggressive towards aluminum and titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 212 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 212 has been tested and certified to meet and exceed most Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing and Douglas. Independent laboratory tests confirm that Daraclean® 212 complies with AMS 1526 (except dichromated magnesium), ARP 1755, and ASTM F-331, F-483, F-484, F-485, F-502, F-519, F-945, F-1110, and F-1111.

Part Number & Container Size:

01-6030-40 5 Gal. Pail

01-6030-45 55 Gal. Drum



AQUEOUS CLEANERS & ADDITIVES

Daraclean® aerospace cleaners make up one of the industry's broadest and most trusted lines of aqueous cleaners with formulas designed to meet or exceed almost every specification and need. Multi-metal safe and packed with soil-rejection technologies that promote self-cleaning and extend bath life, Daraclean® cleaners can improve the effectiveness of your NDT application process and help keep labor and material costs in check.

Daraclean® 235 Aerospace Cleaner

Daraclean® 235 Aerospace Cleaner is an aerospace approved low foaming, all-purpose neutral cleaning solution. Formulated with a blend of surfactants, emulsifiers and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and light spray applications, Daraclean® 235 is safe for use with most metals and is non-aggressive towards aluminum, brass, copper, titanium and zinc alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 235 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 235 has been tested and certified to meet and exceed Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing and Douglas. Independent laboratory tests confirm that Daraclean® 235 complies with AMS 1526 (except dichromated magnesium), ARP 1755, and ASTM F-331, F-483, F-484, F-485, F-502, F-519, F-945, F-1110, and F-1111.

Part Number & Container Size:

01-6050-40 5 Gal. Pail
01-6050-45 55 Gal. Drum



Daraclean® 236 Aerospace Cleaner

Daraclean® 236 Aerospace Cleaner is an aerospace approved low foaming, all-purpose neutral cleaning solution. Formulated with a blend of surfactants, emulsifiers, and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and spray applications, Daraclean® 236 is safe for use with most metals and is non-aggressive towards aluminum, brass and copper alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 236 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 236 has been tested and certified to meet and exceed Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing and Douglas. Independent laboratory tests confirm that Daraclean® 236 complies with AMS 1526 (except dichromated magnesium), ARP 1755, and ASTM F-331, F-483, F-484, F-485, F-502, F-519, F-945, F-1110, and F-1111.

Part Number & Container Size:

01-6040-40 5 Gal. Pail
01-6040-45 55 Gal. Drum





ALKALINE CLEANERS

Daraclean® 232 Aerospace Cleaner

Daraclean® 232 Aerospace Cleaner is an aerospace approved moderately foaming, all-purpose alkaline cleaning solution. Formulated with a blend of surfactants and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and light spray applications, Daraclean® 232 is safe for use with most metals and is non-aggressive towards aluminum, magnesium and titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 232 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 232 has been tested and certified to meet and exceed Aerospace industry specifications for aqueous and alkaline cleaners. OEM certification includes Pratt & Whitney requirements. Independent laboratory tests confirmed that Daraclean® 232 complies with ARP 1755 and ASTM F-945.

Part Number & Container Size:

01-6070-45 55 Gal. Drum



Daraclean® 257 Aerospace Cleaner

Daraclean® 257 Aerospace Cleaner is an aerospace approved low foaming, heavy duty alkaline cleaning solution. Formulated with a blend of surfactants, corrosion inhibitors and phosphates, it is an excellent cleaner for use on a broad spectrum of tough soils.

Applications: Designed for immersion, ultrasonic and spray applications, Daraclean® 257 is safe for use with hard metals and is non-aggressive towards aluminum, magnesium and titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 257 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 257 has been tested and certified to meet and exceed most Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing, Douglas, GE, Canadair, and Pratt & Whitney. Independent laboratory tests confirm that Daraclean® 257 complies with AMS 1526, ARP 1755, and ASTM F-483, F-484, F-485, F-502, F-519, F-945, F-1110, and F-1111. Daraclean® 257 is also SCAQMD Clean Air Certified.

Part Number & Container Size:

01-6090-40 5 Gal. Pail

01-6090-45 55 Gal. Drum



Daraclean® 282 Aerospace Cleaner

Daraclean® 282 is an aerospace approved low foaming, all-purpose alkaline cleaning solution. Formulated with a blend of surfactants, emulsifiers and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and spray applications, Daraclean® 282 is safe for use with hard metals and is non-aggressive towards aluminum, magnesium and titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 282 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 282 has been tested and certified to meet and exceed most Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing, Douglas, GE, Honeywell, Lockheed, Pratt & Whitney, Raytheon, Rolls Royce and Sunstrand. Independent laboratory tests confirm that Daraclean® 282 complies with AMS 1526, AMS 1537, ARP 1755, and ASTM F-483, F-484, F-485, F-502, F-519, F-945, F-1110, and F-1111.

Part Number & Container Size:

01-6000-40 5 Gal. Pail
01-6000-45 55 Gal. Drum



Daraclean® 282GF Aerospace Cleaner

Daraclean® 282GF (Glycol-Free) is an aerospace approved low foaming, all-purpose alkaline cleaning solution. Formulated with a blend of surfactants and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and spray applications, Daraclean® 282GF is safe for use with most metals and is non-aggressive towards aluminum, magnesium and titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 282GF far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 282GF has been tested and certified to meet and exceed most Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing, Douglas, GE, Pratt & Whitney, and Rolls Royce. Independent laboratory tests confirm that Daraclean® 282GF complies with AMS 1526, ARP 1755, and ASTM F-483, F-484, F-485, F-502, F-519, F-945, F-1110 and F-1111. Daraclean® 282GF is SCAQMD Clean Air Certified and is approved to MIL-C-29602.

Part Number & Container Size:

01-6010-40 5 Gal. Pail
01-6010-45 55 Gal. Drum





HEAVY DUTY CLEANERS

Daraclean® 200 Industrial Cleaner

Daraclean® 200 is a low foaming, all-purpose alkaline cleaning solution. Formulated with a blend of surfactants, emulsifiers, and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and spray applications, Daraclean® 200 is safe for use with most metals and is non-aggressive towards brass, copper, and titanium alloys. It has been proven effective at removing machine oils, lube oils, cutting fluids, buffing compounds, and even tough, carbonized soils. Using aggressive alkaline chemistry, heavy petroleum-based oils and carbonized soils are broken down and pulled free from part surfaces.

Specification Compliance: Daraclean® 200 is easy to use and maintain and is Clean Air Certified to SCAQMD requirements.

Part Number & Container Size:

- 01-6020-40 5 Gal. Pail
- 01-6020-45 55 Gal. Drum



Daraclean® 238 Aerospace Cleaner

Daraclean® 238 is an aerospace approved foaming, heavy duty alkaline cleaning solution. Formulated with a blend of surfactants, corrosion inhibitors, and phosphates, it is an excellent cleaner for use on a broad spectrum of tough soils.

Applications: Designed for immersion and ultrasonic applications, Daraclean® 238 is safe for use with hard metals and is non-aggressive towards aluminum, magnesium, and titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 238 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 238 has been tested and certified to meet and exceed Aerospace industry specifications for aqueous and alkaline cleaners. OEM certifications include Boeing, Douglas, Lockheed, and Pratt & Whitney. Independent laboratory tests confirm that Daraclean® 238 complies with AMS 1526, ARP 1755, and ASTM F-483, F-484, F-485, F-502, F-519, F-945, F-1110, and F-1111. Daraclean® 238 is also SCAQMD Clean Air Certified.

Part Number & Container Size:

- 01-6080-45 55 Gal. Drum



Daraclean® 259 Optic Cleaner

Daraclean® 259 Optic Cleaner is a low foaming, all-purpose alkaline cleaning solution formulated with a blend of surfactants, corrosion inhibitors, and phosphates. It is an excellent cleaner for use on a broad spectrum of soils and is safe to use with glass, ceramics, plastics, and metal.

Applications: Designed for immersion, spray, and ultrasonic applications, Daraclean® 259 has been proven effective at removing machine oils, lube oils, cutting fluids, buffing compounds, and even tough, carbonized soils. Using aggressive alkaline chemistry, heavy petroleum- based oils and carbonized soils are broken down and pulled free from part surfaces.

Part Number & Container Size:

01-6160-45 55 Gal. Drum



Daraclean® 283 Aerospace Cleaner

Daraclean® 283 is an aerospace approved low foaming, heavy duty alkaline cleaning solution. Formulated with a blend of surfactants, emulsifiers and corrosion inhibitors, it is an excellent cleaner for use on a broad spectrum of soils.

Applications: Designed for immersion, ultrasonic and spray applications, Daraclean® 283 is safe for use with most metals and is non-aggressive towards titanium alloys. It possesses excellent soil-rejecting qualities, suspending soils in the cleaner for a short period of time after lifting from a part's surface. Over time, solids will settle out, and oil and grease droplets will coalesce and float on the surface of the solution. Removal of soils can easily be accomplished using filters or skimmers as necessary. This action extends the useful life of Daraclean® 283 far beyond that of emulsion-type cleaning solutions.

Specification Compliance: Daraclean® 283 has been tested and certified to meet and exceed Aerospace industry specifications for aqueous and alkaline cleaners. OEM Certifications include Boeing, Canadair, and Pratt & Whitney. Independent laboratory tests confirm that Daraclean® 283 complies with AMS 1526†, ARP 1755, and ASTM F-483, F-484, F-485†, F-502, F-519, F-945, F-1110†, and F-1111.

†Except dichromated magnesium, anodized aluminum, and zinc.

Part Number & Container Size:

01-6060-40 5 Gal. Pail

01-6060-45 55 Gal. Drum



HEAVY DUTY POWDER CLEANERS

Daraclean® LC5 Industrial Cleaner

Daraclean® LC5 Industrial Cleaner is a heavy duty powder detergent for use with most metals and hard surfaces. It has proven highly effective at removing dirt, grease, grime, oil, waxes, and buffing compounds. Using powerful chemical action, oils and solids are broken down and pulled free from part surfaces while inhibitors prevent surface pitting and corrosion.

Part Number & Container Size:

01-6400-87 45lb. Pail





MAGNAVU® CLEANERS

MagnaVu® Dip & Spray Cleaners

MagnaVu® formula cleaners are comprised of alkaline builders, surfactants, a corrosion inhibitor, pH adjuster and coupler, and come in both dip and spray formulas to meet all application needs. MagnaVu® cleaners have been tested in pre-cleaning and post-cleaning phases of NDT and determined to have no effect on processing if the part is thoroughly rinsed after cleaning.

Part Number & Container Size:

- 01-5731-40 MagnaVu® Dip Cleaner - 5 Gal. Pail
- 01-5731-45 MagnaVu® Dip Cleaner - 55 Gal. Drum
- 01-5733-45 MagnaVu® Spray Cleaner - 55 Gal. Drum



ADDITIVES

Daraclean® 615 Inhibitor

Daraclean® 615 is a non-foaming additive that prevents rust and corrosion. Formulated with a blend of inhibitors and emulsifiers, it is hard water tolerant, free-rinsing, and will not leave mineral films on part surfaces. Daraclean® 615 provides excellent broad-spectrum corrosion resistance to critical part surfaces, without depositing any mineral scale or insoluble films. It forms a monomolecular layer over clean metal surfaces, providing a barrier between the metal and environmental oxidizers and humidity. The monomolecular film rinses away cleanly with solvent, coating prep, or aqueous cleaning.

Applications: Daraclean® 615 is designed to be used with immersion and spray rinses and is safe for use with most metals, and non-aggressive towards aluminum, brass, copper, and titanium alloys.

Part Number & Container Size:

- 01-6120-40 5 Gal. Pail
- 01-6120-45 55 Gal. Drum



SPECIFICATIONS

DARACLEAN® and MAGNAVU® CLEANERS

Daraclean® and MagnaVu® Cleaners											
SPECIFICATIONS	200	212	235	236	238	257	282	282GF	283	MVD	MVS
AMS 1526 - Aircraft Exterior Surfaces		X ¹	X ¹	X ¹	X	X	X	X	X ²	X	
AMS 1537 - Alkaline Hot Tank Cleaner							X				
ARP 1511 - Low Embrittling Cadmium Plate		X	X		X	X	X	X	X	X	
ARP 1512 - Sandwich Corrosion		X	X	X	X	X	X	X	X ²	X	
ARP 1755 - Stock Loss Testing		X	X	X	X	X	X	X	X	X	X
ASTM F-331 - Nonvolatile Residue		X	X								
ASTM F-483 - Immersion Corrosion		X ¹	X ¹	X ¹	X	X	X	X	X ²	X	
ASTM F-484 - Stress Cracking of Acrylic Plastic		X	X	X	X	X	X	X	X	X	
ASTM F-485 - Unpainted Aircraft Surfaces		X	X	X	X	X	X	X	X ²	X	
ASTMF-502 - Painted Aircraft Surfaces		X	X	X	X	X	X	X	X	X	
ASTM F-519 - Hydrogen Embrittlement		X	X		X	X	X	X	X	X	X
ASTM F-945 - Titanium Stress Cracking		X	X	X	X	X	X	X	X	X	X
ASTM F-1110 - Sandwich Corrosion		X	X	X	X	X	X	X	X ²	X	
ASTM F-1111 - Low Embrittling Cadmium Plate		X	X		X	X	X	X	X	X	
Boeing BAC 5749 - Alkaline Cleaning									X		
Boeing BAC 5763 - Emulsion Aqueous Cleaning		X	X		X		X				
Boeing D6-17487										X	
Boeing D6-48809 Sandwich Corrosion		X	X	X	X	X	X	X	X ²		
Calif. Dept. of Health Title 22 - Aquatic Toxicity				X							
Canadair BW-92/333						X					
Bombardier/Canadair MPS 180-40									X		
Douglas CSD#1 - General Purpose Cleaner		X	X		X	X	X	X		X	
Douglas Helicopter HMS20-1267/2125						X				X	
Douglas Helicopter HMS20-1267/2127						X					
Douglas MD PS 1204					X	X					
GEAE CT-882 - Hot Corrosion						X					
GEAE Method 22 70-21-22							X	X			X
Honeywell EMS 53170							X			X	
Lockheed ADC - G32001					X		X				
Lockheed STM32-301					X						
Mil-C-29602 - Cleaning Compounds								X			
Mil-C-87937 TO 4W-1-61								X			
Pratt & Whitney PMC				1438			1429	237	1421	1435	1439
Raytheon MP-921							X				
Rolls Royce CSS 204 Type A							X	X			
SCAQMD Certification	X				X	X		X			
Sundstrand Data #037-0228-000								X			

X¹ Except dichromated magnesium

X² Except dichromated magnesium, anodized aluminum and zinc