

Daraclean[®] 282

Alkaline Aqueous Cleaner

A low-foaming, all-purpose alkaline cleaning solution, Daraclean[®] 282 is an excellent cleaner for a broad spectrum of soils. Daraclean 282 has excellent soil-rejecting properties and suspends soils until they settle and can be removed by filtering or skimming, extending the life of the cleaner much further than emulsion-type solutions. Formulated with a blend of surfactants, emulsifiers and corrosion inhibitors, it is safe to use on most metals, and is non-aggressive on aluminum, magnesium and titanium alloys.

Available in 5 and 55 gallon containers, Daraclean 282 can be used in concentrations up to 25 percent (20 percent for CARB compliance), in immersion, ultrasonic, spray and steam processes. Moderately alkaline, with low foam levels, Daraclean 282 contains inhibitors to prevent metal corrosion, and has no phosphates and is hard water tolerant.

Daraclean 282 carries wide aerospace compliance, and is designed to clean all oils, machining fluid, synthetic coolants and buffing compounds from aluminum, anodized aluminum, brass and bronze, carbon steel, cast iron, stainless steel, copper, nickel, superalloys and plated metals. It also works well on titanium and magnesium, and can be used on carbonized soils.

BENEFITS

- Alkaline cleaner
- General cleaning
- Low foam level
- Aerospace compliant
- Works on a wide range of materials
- Cleans a broad spectrum of soils

SPECIFICATIONS COMPLIANCE

- AMS 1551, 1551A
- ARP 1512
- ASTM F495, F519 TYPE 1 C,
- BAC 5763
- Boeing D6-48809
- CSS 253
- GEAE Method 22, 51145
- Honeywell ARP 4992
- Pratt and Whitney PMC 1429
- PWA 36604
- PWA K231
- RR CSS 204 Type A

APPLICATIONS

Cleaning methods:

- Dipping / immersion cleaning
- Ultrasonic cleaning
- Spray cleaning
- Steam cleaning

Ideal for:

- Aluminum
- Anodized aluminum
- Brass and bronze
- Carbon steel
- Cast iron
- Stainless steel
- Copper
- Magnesium
- Nickel
- Superalloys
- Plated metals
- Titanium

Removes:

- Buffing compounds
- Carbonized soils
- Cutting fluids
- Heavy oils and dirt
- Lubricant oils
- Machine oils
- Machining fluid
- Medium weight and lube oil
- Motor oil
- Synthetic coolant
- Water-soluble oils

Applications:

Excellent	Aluminum	Anodized Aluminum	Brass & Bronze	Carbon Steel & Cast Iron	Copper	Magnesium	Nickel & Superalloys	Plating (Cd, Cr, Ir, Pt)	Stainless Steel	Titanium	Zinc
Good	...											
Fair	..											
Poor	.											
Not Recommended												
Water-Soluble Oils
Machining Fluid
Synthetic Coolants
Medium Weight Oils
Lube Oils
Buffing Compounds
Motor Oils
Heavy Petroleum Oils
Carbonized Soils
Railroad & Axle Grease												
Glues												
Spray Adhesives												

PROPERTIES

pH Level	Alkaline
Foam Level	Low
Silicates	Yes
Phosphates	No
Hard Water Tolerance	Moderate
Aerospace Compliant	Yes
SCAQMD Certified	No

USE RECOMMENDATIONS

Cleaning Method	Concentration	Temp.	Typical Duration
Immersion	3–25%	80–180°F / 27–82°C	2–30 mins
Ultrasonic	3–25%	80–180°F / 27–82°C	2–30 mins
Spray	1–12% Recomm.: 2–5%	130–180°F / 54–82°C	0.25–3 mins
Steam	1–12%	150–200°F / 66–93°C	1–5 mins

PACKAGING

5 gal / 18.9 L pail 01-6000-40
NSN 6850-01-364-8328

55 gal / 208 L drum 01-6000-45
NSN 6850-01-364-8329

INSTRUCTIONS FOR USE

Dilute cleaner with water to the appropriate concentration or use. Cleaning efficiency can be improved with agitation and heat. Increasing cleaning bath temperature will decrease foaming.

Maintenance Recommendations

Maintain cleaning bath by skimming and/or filtering. Check in-use cleaner concentration to maintain cleaning effectiveness. The recommended method for measuring concentration is titration method.

Concentration Verification: HACH Alkalinity Titration Kit*

Titrant	0.5N Sulfuric Acid
Indicator	Bromcresol Green-Methyl Red
Concentration %	Titrant drops x 0.65

* Ordering info: Alkalinity Test Kit, Model AL-TA; Product # 2314500; Mfr. Hach Company; Website www.hach.com

HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the product Safety Data Sheet, which is available at www.magnaflux.com.