



# DARACLEAN

## AQUEOUS CLEANERS

### DARACLEAN® 121 AQUEOUS CLEANING SOLUTION

- Free Rinsing
- Foaming Action
- FDA Components
- Low VOCs
- RoHS Compliant
- Multi-Metal Safe
- No Silicates
- No Phosphates
- No Chlorine, Sulfur

#### • **Safe and Effective**

DARACLEAN® 121 is a mild, neutral cleaning solution. Formulated with a blend of surfactants and corrosion inhibitors, DARACLEAN® 121 is an excellent cleaner for use on a broad spectrum of soils. Designed to be used by hand and with immersion and ultrasonic applications, it is effective on most surfaces, and all components are FDA approved for indirect contact with food.

#### • **Industrial Strength**

DARACLEAN® 121 has proven ability 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, while rinsing freely with no residue.

#### • **Soil Rejecting**

DARACLEAN® 121 has excellent soil-rejecting qualities. After soils are lifted from part surfaces, they are suspended in the cleaner for a short time. 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® 121 much further than emulsion-type cleaning solutions.

#### **Typical Applications**

Cleaning Method	Concentration	Temperature	Typical Duration
Immersion	30–100%	Up to 160°F (71°C)	0.5–30 minutes
Ultrasonic	30–100%	Up to 160°F (71°C)	0.5–30 minutes
Spray	Not Recommended		
Steam	10–30%	130–200°F (54–93°C)	0.5–5 minutes
Hand Wipe	30–100%	Ambient	As required

*\*Operating parameters should be optimized for each individual application.*

## MAGNAFLUX®

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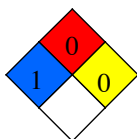
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# DARACLEAN® 121

<b>pH Level</b>	13-14	Caustic	Higher pH cleaners are more aggressive and will clean tougher soils but high pH levels can corrode or etch soft metal surfaces.
	11-13	High Alkaline	
	9-11	Alkaline	
	7-9	Neutral	
<b>Foam Level</b>	High		High foam levels will penetrate cracks and holes better, but foam cannot be tolerated in spray applications.
	Moderate		
	Low		
<b>Silicates</b>	Yes	No	Silicates prevent corrosion of metal surfaces, but can form mineral films at high temperatures.
<b>Phosphates</b>	Yes	No	Phosphates provide excellent cleaning action, but are subject to environmental regulations.
<b>Hard Water Tolerance</b>	High		Hard water can suppress cleaning actions—some cleaners are formulated to counteract hard water effects.
	Moderate		
	Low		
<b>Aerospace Compliant</b>	Yes	No	See list for specification compliance
<b>SCAQMD Certified</b>	Yes	No	VOC (10%) 1.7 g/L

**Legend:** Correct Application

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



NFPA Rating (Concentrate)

DARACLEAN® 121

5 US Gallons (18.9 liters)

P/N 01-6140-40

DARACLEAN® 121

55 US Gallons (208 liters)

P/N 01-6140-45

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