



DARACLEAN

AQUEOUS CLEANERS

DARACLEAN® 203 AQUEOUS CLEANING SOLUTION

- Free Rinsing
- Heavy Duty Action
- Low Foam Levels
- Zero VOCs
- RoHS Compliant
- Corrosion Inhibitors
- No Silicates
- No Phosphates
- No Chlorine, Sulfur

• **Safe and Effective**

DARACLEAN® 203 is a heavy-duty caustic cleaning solution. Formulated with a blend of surfactants and corrosion inhibitors, DARACLEAN® 203 is an excellent heavy-duty cleaner for use on a broad spectrum of soils. Designed to be used with immersion, spray, and ultrasonic applications, it is safe for use with ferrous metals and nickel alloys.

• **Industrial Strength**

DARACLEAN® 203 has proven ability at removing machine oils, lube oils, cutting fluids, buffing compounds, spray adhesives, railroad and axle greases, 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. The action of chelating agents and corrosion inhibitors protect critical surfaces from the aggressive cleaning action while effectively lifting even the most stubborn soils.

• **Soil Rejecting**

DARACLEAN® 203 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® 203 much further than emulsion-type cleaning solutions.

Typical Applications

Cleaning Method	Concentration	Temperature	Typical Duration
Immersion	5–30%	80–180°F (27–82°C)	0.5–30 minutes
Ultrasonic	5–30%	80–180°F (27–82°C)	0.5–30 minutes
Spray	3–30%	130–180°F (54–82°C)	0.25–3 minutes
Steam	1–10%	150–200°F (66–93°C)	0.5–5 minutes

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

MAGNAFLUX™

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DARACLEAN® 203

pH Level	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	
Foam Level	High		High foam levels will penetrate cracks and holes better, but foam cannot be tolerated in spray applications.
	Moderate		
	Low		
Silicates	Yes	No	Silicates prevent corrosion of metal surfaces, but can form mineral films at high temperatures.
Phosphates	Yes	No	Phosphates provide excellent cleaning action, but are subject to environmental regulations.
Hard Water Tolerance	High		Hard water can suppress cleaning actions—some cleaners are formulated to counteract hard water effects.
	Moderate		
	Low		
Aerospace Compliant	Yes	No	See list for specification compliance
SCAQMD Certified	Yes	No	VOC (10%) 0.0 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® 203

5 US Gallons (18.9 liters)

P/N 01-6100-40

DARACLEAN® 203

55 US Gallons (208 liters)

P/N 01-6100-45

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