

# Daraclean® 200

## Heavy-Duty Alkaline Aqueous Cleaner

Daraclean® 200 is a low-foaming high-alkaline cleaner for heavy-duty use on most metals, and it is not aggressive on brass, copper and titanium alloys. It is designed for immersion, spray, and ultrasonic applications.

Daraclean 200 has moderate tolerance to hard water and is suitable for heavy-duty industrial applications. Ideal for cleaning brass, bronze, carbon steel, cast iron, copper, nickel and stainless steel. Daraclean 200 is formulated for excellent soil-rejecting properties, and can be filtered and skimmed, which will extend the cleaner's useful life much further than an emulsion type cleaner.

Formulated to remove machine oils, lubrication oils, cutting fluids, burning compounds, synthetic coolants, and even difficult carbonized soils, and can be used for general degreasing. Daraclean 200 contains silicates to protect the test metal from corrosion, but has no phosphates.

### PRODUCT PROPERTIES

<b>pH Level</b>	High Alkaline
<b>Foam Level</b>	Low
<b>Silicates</b>	Yes
<b>Phosphates</b>	No
<b>Hard Water Tolerance</b>	Moderate
<b>Aerospace Compliant</b>	Yes
<b>SCAQMD Certified</b>	Yes

### 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

### FEATURES

- General purpose
- Alkaline cleaning
- Low-foaming
- Corrosion inhibitor

### APPLICATIONS

**Cleaning methods:**

- Dipping / immersion cleaning
- Ultrasonic cleaning
- Spray cleaning

**Ideal for:**

- Degreasing
- Brass
- Bronze
- Carbon steel
- Cast iron
- Copper
- Nickel
- Stainless steel

**Removes:**

- Machine oils
- Lubricant oils
- Cutting fluids
- Buffing compounds
- Tough carbonized soils

**Applications:**

Performance	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 Fluid	••		••	••••	•••		••••	••	••••	••	
Synthetic Coolants	••		••••	••••	•••		••••	••	••••	••	
Medium Weight Oils	••		••	••••	•••		••••	••	••••	••	
Lube Oils	••		••	••••	•••		••••	••	••••	••	
Buffing Compounds	••		••	••••	•••		••••	••	••••	••	
Motor Oils	••		••	••••	•••		••••	••	••••	••	
Heavy Petroleum Oils	••		••	••••	•••		••••	••	••••	••	
Carbonized Soils	••		••	••	••		•••	••	•••	••	
Railroad & Axle Grease	•		•	••	•		••	•	••	•	
Glues	•		•	••	•		••	•	••	•	
Spray Adhesives											

Discontinued

## 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\*

<b>Titrant</b>	0.5N Sulfuric Acid
<b>Indicator</b>	Bromcresol Green-Methyl Red
<b>Concentration %</b>	Titrant drops x 1.15

\* Ordering info: Alkalinity Test Kit, Model AL-TA; Product # 2314500; Mfr. Hach Company; Website [www.hach.com](http://www.hach.com)

## PACKAGING

55 gal / 208 L drum 01-6020-45

## 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](http://www.magnaflux.com).

Discontinued