

Daraclean[®] 259

Heavy-Duty Alkaline Aqueous Cleaner

Daraclean[®] 259 is a low-foaming, high-alkaline cleaning solution designed for use on glass, ceramics, plastics and metal. Excellent soil-rejecting properties suspend soils until they eventually settle, allowing filtering and skimming to extend the life of the cleaner much further than emulsion-type solutions.

Made of surfactants, corrosion inhibitors and phosphates, and effective against a broad spectrum of soils, Daraclean 259 removes excess resins, oils, cutting and machining fluids, buffing compounds and carbonized soils. This aqueous cleaner is designed to be low foaming in immersion, ultrasonic, spray and steam processes up to concentrations of 30 percent.

Formulated without silicates but highly tolerant to hard water, it is very free-rinsing and will not leave residues on optical surfaces. Available in 55 gallon drums. Designed to work best on plastic and glass, ceramic, magnesium, plated metals, stainless steel, titanium and zinc alloys. Daraclean 259 works well with aluminum, brass and bronze, carbon steel, and cast iron.

BENEFITS

- High alkaline cleaner
- No silicates
- Low foam level
- Designed for glass, plastic and ceramics

PROPERTIES

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

APPLICATIONS

Cleaning methods:

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

Ideal for:

- Plastic and glass
- Ceramic
- Magnesium
- Plated metals
- Stainless steel
- Titanium
- Zinc alloys
- Aluminum
- Brass and bronze
- Carbon steel
- Cast iron

Removes:

- Machine oils
- Lubricant oils
- Cutting fluids
- Polishing compounds
- Carbonized soils
- Heavy oils and dirt

Applications:

		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 & Axel Grease		•	•	•	•	•	••	•	••	••	••	••
Glues												
Spray Adhesives												

USE RECOMMENDATIONS

Cleaning Method	Concentration	Temp.	Typical Duration
Immersion	5–30%	80–180°F / 27–82°C	0.5–30 mins
Ultrasonic	5–30%	80–180°F / 27–82°C	0.5–30 mins
Spray	3–20%	130–180°F / 54–82°C	0.25–3 mins
Steam	3–20%	150–200°F / 66–93°C	1–5 mins

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

PACKAGING

55 gal / 208 L drum 01-6160-45

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.