

Mirachem QX-231

Data Sheet

[Mirachem® QX-231 Carbon Remover / Degreaser](#) is a water based carbon remover and degreaser for use in soak tanks, agitating parts washers or ultrasonic cleaners. This product is designed to remove carbon, oils and greases commonly found in heavy duty industrial cleaning applications. QX-231 may be used at ambient temperatures or heated up to 160°F for improved cleaning.

Features & Benefits:

Environmental Safety	Meets stringent environmental regulations for air quality, such as VOC content and VOHAPS, and wastewater systems.
Worker Safety	Non-flammable, non-fuming, non-caustic, non-corrosive, non-toxic, hydrocarbon and solvent free.
Material Compatibility	Safe to use on most surfaces, including aluminum, ferrous metals, plastics and natural and synthetic elastomers.
Product Performance	Proven to effectively remove carbon in even the toughest applications.

Soils Removed:

- Carbon, Grease, Oil, Lubricant, Fuel

Material Compatibility:

- Carbon / mild / stainless steel, aluminum, iron and other alloys
- Brass, bronze, copper and other yellow metals
- Neoprene, nitrile, natural / synthetic rubber and elastomers

Cleaning Methods:

Method	Dilution	Concentration	Temperature
Agitation Parts Washing	9:1 to 4:1	10 - 20%	105 - 140°F
Soak / Dip Tank	9:1 to 4:1	10 - 20%	105 - 140°F
Ultrasonic Cleaning	9:1 to 4:1	10 - 20%	150 - 160°F

Approvals, Specifications & Listings:

- Meets SCAQMD Clean Air Solvent requirements as a no VOC product
 - There are no Volatile Organic Hazardous Air Pollutants (VOHAP), Ozone Depleting Compounds (ODC), or Global Warming Compounds in this product.

Availability:

- 5 gallon pail, 55 gallon drum, 275 gallon tote

Technical Details:

- VOC
 - Undiluted 0 grams/Liter (0.0 lb/gal)
- pH
 - Undiluted 12.0
 - Use Dilution 11.0 - 11.4
- Flash point Non-flammable
- Dilution Verification [TR-1520 Mirachem QX-231 Managing Fluid Dilution By % Brix](#)
- Shelf life The shelf life of unopened containers is 36 months from the date on the package.

Additional Resources:

- Product Webpage Mirachem.com/QX231
- SDS - Concentrate b.Mirachem.com/0231-101
- SDS - Use Dilution b.Mirachem.com/0231-103



About Mirachem:

Mirachem, a Heritage-Crystal Clean company, is an ISO 9001:2008 certified manufacturer and marketer of water-based cleaning solutions, providing advanced aqueous technologies to the industrial marketplace for nearly 40 years. Mirachem offers alternatives to traditional cleaning chemistries in a variety of industries and applications, with an emphasis on worker and environmental safety, material compatibility, and superior service and support.

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