

Mirachem 250

Data Sheet

[Mirachem® 250 Rust & Scale Remover](#) Mirachem 250 utilizes an advanced chemical technology that removes rust, corrosion, oxidation, heat and water scale from metal and concrete surfaces. There are other rust and scale removers on the market, but only Mirachem 250 eliminates the harmful risks, dangers and pollution associated with highly alkaline, caustic, corrosive and hazardous products. Mirachem 250 does not contain hydrochloric, hydrofluoric, nitric or sulfuric acids.

Features & Benefits:

Environmental Safety	Meets stringent environmental regulations for air quality, such as VOC content and VOHAPS, and wastewater systems, including Total Toxic Organics (TTO).
Worker Safety	Non-flammable, non-fuming, non-caustic, non-corrosive, non-toxic, and hydrochloric, hydrofluoric, & sulfuric acid free.
Material Compatibility	Safe to use on most surfaces, including aluminum, ferrous metals, chrome, brass and bronze.
Product Performance	Proven to effectively remove rust, scale, oxidation and other organic soils.
Approvals & Specifications	Internal and 3rd party testing to a variety of industry, OEM and ASTM test methods and processes.

Soils Removed:

- Non-organic soils such as rust, corrosion & oxidation, weld, heat & mill scale, and salt, water & mineral deposits.

Material Compatibility:

- Carbon / mild / stainless steel, aluminum, and iron
- Brass, bronze, copper and other yellow metals

Cleaning Methods:

Method	Dilution	Concentration	Temperature
Agitation Parts Cleaning	3:1 to 1:1	25 - 50%	Ambient - 120°F
Soak / Dip Tank	3:1 to 1:1	25 - 50%	Ambient - 120°F
Ultrasonic Cleaning	3:1 to 1:1	25 - 50%	105 - 120°F

Approvals, Specifications & Listings:

- SCAQMD Certified Clean Air Solvent
 - There are no Volatile Organic Hazardous Air Pollutants (VOHAP), Ozone Depleting Compounds (ODC), or Global Warming Compounds in this product.
- Material Compatibility
 - Mil-C-38334A Corrosion Removing Compound, Repaint, for Aircraft Aluminum Surfaces
 - AMS 1626A Desmutter, Aluminum, Liquid
- Listings
 - Cage Code: 63247 (Mirachem, LLC)
 - National Stock Number: 6850-01-815-482

Availability:

- 1 gallon bottle, 4 gallon case, 5 gallon pail, 55 gallon drum, 275 gallon tote

Technical Details:

- VOC
 - Undiluted 0 grams/Liter (0.0 lb/gal)
- pH
 - Undiluted 1.0 - 2.0
 - Use Dilution 1.0 - 2.0
- Flash point Non-flammable
- Shelf life The shelf life of unopened containers is 60 months from the date on the package.

Additional Resources:

- Product Webpage Mirachem.com/250
- SDS - Concentrate b.Mirachem.com/3100-101
- SDS - Use Dilution b.Mirachem.com/3100-103

**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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