

# Mirachem Alkaline Powder HD

## Data Sheet

[Mirachem® Alkaline Powder HD](#) is a heavy duty cleaner / degreaser designed specifically for use in automated spray cleaning equipment, including front- and top-loading cabinet washers and pass thru units. This effective powder formulation allows for cleaning of tough organic soils from most surfaces, including aluminum and other sensitive metals.

Mirachem Alkaline Powder HD's powerful cleaning technology does not foam when used within recommended temperature range, making it ideal for equipment that operates at high spray pressure, with limited reservoir headspace. This long-lasting product is a low-VOC cleaner, and is an excellent alternative to more caustic chemistries.

### Features & Benefits:

<b>Environmental Safety</b>	Low VOC (Volatile Organic Compound) cleaner with less than 1 g/L at use dilution.
<b>Worker Safety</b>	Non-flammable, hydrocarbon and solvent free.
<b>Material Compatibility</b>	Safe to use on most surfaces, including aluminum, ferrous metals, and plastics. Contains no silicone based components, safe for pre-paint/coating cleaning.
<b>Product Performance</b>	Effectively removes grease, oil and other organic soils.

### Soils Removed:

- Grease, oil, lubricant, fuel and carbon
- Dirt & grime, plant/animal and other organic based soils.

### 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 Method:

Method	Dilution	Temperature
Automated Spray Cleaning	1lb per 3 gallons of tank capacity	140 - 190°F

## Certifications:

- VOC content meets SCAQMD Clean Air Solvent standard
  - There are no Volatile Organic Hazardous Air Pollutants (VOHAP), Ozone Depleting Compounds (ODC), or Global Warming Compounds (GWC) in this product.

## Availability:

- 50 pound pail

## Technical Details:

- VOC
  - Undiluted 1.4%
  - Use dilution <0.01 g/L
- pH
  - Undiluted Not Applicable
  - Use dilution 12.0 - 12.4
- Flash point Non-flammable
- Dilution Verification (TR-1526) Mirachem Alkaline Powder HD- Managing Fluid Dilution by % Brix
- Shelf life Shelf life of unopened containers is 60 months from the date on the package.

## Additional Resources:

- Product Webpage [Mirachem.com/PowderHD](https://Mirachem.com/PowderHD)
- SDS - Concentrate [Mirachem.info/SDS-2102](https://Mirachem.info/SDS-2102)
- SDS - Use Dilution [Mirachem.info/SDSU-2102](https://Mirachem.info/SDSU-2102)
- Dilution Verification [Mirachem.info/TR-1671](https://Mirachem.info/TR-1671)



## About Mirachem:

Mirachem, a Heritage-Crystal Clean company, is an ISO 9001:2015 certified manufacturer and marketer of water-based cleaning solutions, providing advanced aqueous technologies to the industrial marketplace for over 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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