

HD CABINET AND SPRAY CLEANER

HEAVY DUTY STEEL CAUSTIC CLEANER AND RUST REMOVER

PRODUCT DESCRIPTION

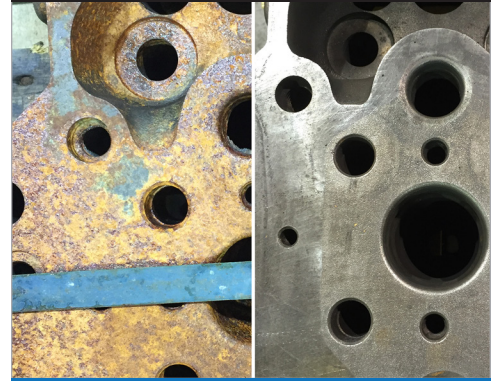
HD Cabinet and Spray Cleaner is a concentrated liquid alkaline cleaner used primarily in industrial applications for in-process cleaning of ferrous metals. HD Cabinet and Spray Cleaner is also highly effective for rust removal, paint stripping, and zinc phosphate removal.

The residual films of HD Cabinet and Spray Cleaner can provide corrosion protection for parts in storage and during shipping.

PRODUCT BENEFITS

- Extremely low foaming characteristics ideal for high pressure spray and pressure washers
- Imperceptible thin film corrosion preventative offers superior rust protection and weldable surface
- Exceptional hard water stability keeps washers clean
- Ideal for removal of stearates and rust
- Lean concentrations assure low consumption and cost effectiveness
- Contains no phosphates, nitrites, or silicones

PRODUCT APPLICATION



Compatible Metals

Cast Iron
Carbon Steel
Tool Steel
Stainless Steel

Application Method

Pressure Washer
Immersion Tank
Agi-Lift

Operating Temperature

140° – 160°F (60° – 71°C)

Dilution Range

4 – 20% v/v

Foaming Characteristics

None

Rust Protection

Very good

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TYPICAL PROPERTIES

Fluid Type	Alkaline cleaner
Appearance	Straw colored liquid
Odor	Mild
Specific Gravity, 60°F (15.6°C)	1.35
Weight, lb/gal., 60°F (15.6°C)	11.3
pH (1% dilution)	13.5
Foaming Tendency	None

PRODUCT APPLICATION / USAGE

HD Cabinet and Spray Cleaner is ideally suited for facilities requiring a high degree of cleanliness on their ferrous and steel materials. HD Cabinet and Spray Cleaner should always be added to the water in the washer.

Operation	Temperature	Cast Iron Ferrous Alloys	Rust Removal	Aluminum Alloys
Pressure Washer	140° – 160°F (60° – 71°C)	4 – 6%	15 – 40%	Not Recommended
Immersion Tank / Agi-Lift	140° – 160°F (60° – 71°C)	5 – 6%	15 – 40%	Not Recommended

MIXING DATA

Concentration control is easily maintained with a hand held refractometer or Chemtool titration kit.

Concentration	20%	15%	10%	6%	5%	4%
Alkalinity (factor = 0.15) Titration Test Kit (# drops 0.5 N HCl)	133	100	67	40	33	26
Refractometer Reading (factor = 1.7)	12.0	9.0	6.0	3.5	3.0	1.8

PRODUCT NUMBER

4121000000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).

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