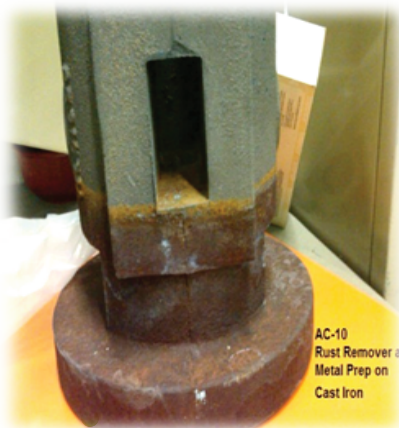


AEROGREEN AC-10

AEROGREEN AC-10 RUST REMOVER AND METAL PREP

AEROGREEN AC-10 Rust Remover and Metal Prep Removes rust from metal surfaces and prepares the surfaces for new protective coatings. Ideal for all Industrial, Automotive, Agriculture, Transportation Industries and Marine Industries.

AEROGREEN AC-10 Rust Remover and Metal Prep is a concentrated, water-reducible phosphoric acid and detergent blend formulated to clean metal surfaces, remove rust, and profile steel, cast iron, galvanized metals, zinc, high polished aluminum prior to paint or to prepare a surface for a subsequent chemical coating, including liquid, and powder coating finishing systems.



AC-10 is an acid based cleaner and must be used with all plastic hand pumps, tank-type sprayers, plastic lined dip tanks, pressure washers with an acid injector system, plastic pails and acid resistant brushes.

On Steel: AC-10 Removes rust and flash rust from steel surfaces and leaves a corrosion inhibiting residue which prevents rusting and aids in coating adhesion.

On Galvanized: AC-10 Improves the adhesion by removing the passivation film on the surface.

For use in Wipe on Wipe off, Dip tanks, immersion tanks and Spray on using Wand spraying /pressure washer applications.

The rust must be removed to prepare the surfaces prior to painting or applying new protective coatings or the rust will continue to grow under the coating.

Underlying Rust



Rust under Paint



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Cleaning Freshly Blasted Metal:

Clean, prep and prepare freshly blasted metal surfaces for paint or powder coat and all types of finishes

Directions for Brush or Spray: Dilution: Uses as received do not dilute.

1. Spray area to prepared, work from the bottom up to avoid streaks.
2. Allow the product to sit 1-5 minutes
3. Wipe surface using a clean, dry cloth to remove all contaminates.
4. Wipe surface dry with clean cloth, No rinsing is necessary.

Once the surface is dry the metal is ready for the coating to be applied.

Removing Rust from Steel, Cast Iron and Galvanized Surfaces:

Remove rust from metal surface in a spray on wipe off application. Use as received for heavy rust, or dilute with water depending as listed below based on the severity of the rust to be removed:

Dilution: Very Light: 1-10 Light : 1:6
Medium: 1:3 Heavy Rust: Use as Is

Directions for Brush or Spray:

1. Determine dilution required as identified above.
2. Add concentrate to water and mix. If available, hot water will accelerate cleaning and etching.
3. Brush or Spray solution onto steel surfaces, work from the bottom up to avoid streaks.
4. Allow 1-5 minutes to penetrate the surface
5. Wipe surface dry with a clean cloth
6. Dry Surface immediately by wiping with a clean dry cloth or using forced air.

NOTE: For heavy rust or areas where pitting has begun, scrub area with nylon scrub pad, to wet sand area and smooth the surface prior to wiping the surface to dry

Galvanized:

Improves the adhesion by removing the passivation film on the surface.

SAFETY/CAUTION: Rubber gloves are recommended to prevent drying of the skin. Goggles are recommended to protect eyes if splashing is expected. When heated above 125 F, mechanical or local ventilation is required. When using product in steam cleaning and/or pressure washing applications wear a rain suit and boots to keep clothes dry. Harmful if swallowed. Avoid getting into eyes. If contact occurs, flush with running water. If irritation persists, get medical attention. May cause dryness of skin with prolonged use, wash hands with cold water and apply a hand lotion. AC-10 is a phosphoric acid based cleaner and must be used with plastic containers, hand pumps, sprayers, and plastic lined or stainless steel dip tanks.

Removing Weld Splatter:

To clean, prep and prepare freshly-welded metal for paint or powder coat finishes to promote excellent paint adhesion.

Dilution: Use as received:

Directions for Brush or Spray:

1. Apply liberally by spray or brush to the welded area to be cleaned, work from the bottom up to avoid streaks.
2. Allow 1-5 minutes to penetrate the surface
3. Dry surface immediately by wiping with a clean dry cloth or using forced air.
For large surfaces, Hi-Lite Solutions AC-10 Rust Remover and Metal Prep can be applied using a garden sprayer or portable pump sprayer, followed by a dry wipe with a clean cloth.

Cold or Heated Dip Tank/ Immersion Tank:

For Cold Dip tanks : Fill bath with 1 parts water to 1-part AC-10 , (1:1 dilution) For Heated Dip tanks : Fill the bath with 9 parts water to 1-part AC-10 , (1:10) 1. Immerse the steel items to be de-rusted into the solution.

1. Allow to remain in solution 5- minutes up to 6 hours
3. Check at 5 minute intervals to determine when the rust is removed. Heavily rusted parts may require scrubbing during the 5 minute inspections to remove the top layer of rust reducing the amount of time the parts are in the immersion tanks.
4. Rinse surface with hot or cold water.
5. Dry Surface immediately by wiping with a clean dry cloth or using forced air.

Etching High Polished Aluminum:

1. Dilute AC-10 1:3 with water.
2. Dip a clean cloth into diluted solution
3. Wring out the cloth so it is only damp
4. Wipe a small area at a time with the dampened cloth
5. Wipe dry the same area with using a second clean, lint free cloth to insure the surface is dry and not residue is left.

SPECIFICATIONS:

Vapor Pressure (mmHg) @25C	23 @20 C
Flammable Combustible	NO
Boiling Point	212Deg F/100 Deg C
Specific Gravity (H2O=1)	1.025@20C
Water Solubility	100 %
pH	1.5-2.5
Appearance	Clear Liquid
Density lbs. /per gal	8.25 lbs/per gal
VOC	0