ABS-Clean-500

DESCRIPTION

ABS-Clean-500 is a liquid, acid-based rust remover for iron and carbon-steel surfaces. It dissolves iron oxides and helps prepare metal surfaces for maintenance, repainting and subsequent surface treatment.

PRODUCT TYPE

Water-based acidic rust-removing formulation.

SCOPE OF APPLICATION

For removing rust from suitable iron and carbon-steel parts, tools, fabricated sections and equipment surfaces. Do not use on galvanized metal, aluminum, zinc or delicate coatings without verified compatibility.

DIRECTIONS FOR USE

- Spray ABS-Clean-500 evenly and thoroughly onto the rusted metal surface.
- Allow the product to act on the surface for 10-15 minutes.
- Lightly polish the treated surface using a suitable polishing machine sized to the area being cleaned.
- After polishing, lightly rinse the metal surface with clean water, then immediately wipe it dry with a clean cloth to reveal the natural metallic shine.

ADVANTAGES

- Designed for removing rust and preparing ferrous-metal surfaces.
- Convenient spray application followed by light mechanical polishing.

PACKAGING 200 L HDPE drum | 1,000 L acid-compatible IBC

TECHNICAL DATA

Product name	ABS-Clean-500
Chemical base	Acidic aqueous rust-removing formulation
Physical form	Liquid
pH (as supplied)	1.27
Density at 25 °C	1.10 g/cm³ (1.10 kg/L)
Suitable substrates	Iron and carbon steel (compatibility test required)

APPLICATION PROCEDURE

- 1. Spray ABS-Clean-500 evenly over the rusted metal surface.
- 2. Allow the product to act for 10-15 minutes.
- 3. Polish the surface lightly using an appropriate polishing machine. Select the machine size to suit the treated surface area.
- 4. After polishing, rinse the surface lightly with clean water, then immediately wipe it dry using a clean cloth to reveal the natural metallic shine.

STORAGE

- Store tightly closed in acid-resistant containers in a cool, dry, well-ventilated place.
- Protect from heat, direct sunlight, alkalis, oxidizers and reactive metals.
- Keep containers upright and provide suitable secondary containment.

The values above describe the product as supplied.

SAFETY AND PRODUCT INFORMATION

IMPORTANT SAFETY INFORMATION

- ABS-Clean-500 is strongly acidic (pH 1.27). Handle as a potentially corrosive cleaner and follow the product Safety Data Sheet (SDS).
- Wear acid-resistant gloves, chemical splash goggles and suitable protective clothing. Use respiratory protection where required by the SDS and exposure assessment.
- Avoid contact with skin and eyes. In case of splashes, rinse immediately with plenty of water and seek medical attention, especially after eye exposure.
- Never mix with chlorine bleach or hypochlorite products: hazardous chlorine gas can be released. Contact with some metals may generate flammable hydrogen.
- Use with adequate ventilation. Keep away from children and food. Prevent uncontrolled discharge to drains and dispose of spent solution according to local requirements.

TECHNICAL AND LEGAL NOTES

This technical data sheet provides general guidance for the intended use of ABS-Clean-500. Results vary with rust severity, metal grade, surface condition, application method and site conditions.

The approved finishing method is a light rinse with clean water immediately after polishing, followed by prompt wiping and drying. Do not leave acidic residues on the metal. Verify suitability on a small test area and follow the product label and SDS.