Pickle-Guard™ HF

Pickle-Guard™ HF is a dry acid salt in the form of Pickle-Guard™ powder blend; which is used to replace mineral acids in pickling or plating operations with unique agents to increase activity on the scale.

Pickle-Guard™ HF incorporates the activity of blended acids and surfactants to provide for effective surface conditioning and free rinsing of copper, brass, zinc and steel surfaces. It also works well on magnesium, titanium, and invar surfacaes. It quickly and safely removes rust, scale, silicates, and organic matter.

Pickle-Guard™ HF can also be used to activate stainless steel prior to plating.

Features/Benefits

- Dissolves easily in water and eliminates the hazards of storing and handling liquid acids.
- Non fuming.
- Reduces inventory requirements due to its' versatility and wide range of application.
- Improves adhesion, produces bright deposits, and removes silicate films with smut free surfaces on many different substrates.
- Can be used to activate stainless steel, titanium, magnesium, and invar with stellar performance.

Aqua Bond Inc. · PO Box 63635, Toronto, ON M1V 5K2·Tel. 416·754·7211·www.aquabond.ca

Pickle-Guard™ HF

Operating Conditions

Copper and Brass

Concentration	30 to 45 g/L (4 to 6 oz/gal) Pickle-Guard HF
Temperature	Ambient
Time	15 to 45 seconds

Steel

Concentration	30 to 90 g/L (4 to 12 oz/gal) Pickle-Guard HF
Temperature	Ambient
Time	30 to 60 seconds

Zinc Based Die Castings

Concentration	15 to 30 g/L (2 to 4 oz/gal) Pickle-Guard HF
Temperature	Ambient
Time	10 to 20 seconds

Pickling - Rust, Oxides, Scale

Concentration	90 to 360 g/L (12 to 48 oz/gal) Pickle-Guard HF
Temperature	Ambient to 71 °C (Ambient to 160 °F)
Time	As required

Nickel Activator

Concentration	45 to 90 g/L (6 to 12 oz/gal) Pickle-Guard HF
Temperature	Ambient to 48 °C (Ambient to 120 °F)
Time	10 to 60 seconds

The data and statements contained in this bulletin are based on testing information and are believed to be accurate and reliable. This bulletin is not a Guarantee or Warranty, express or implied regarding the products use. The product is sold on the condition that the purchaser will do their own tests to determine the suitability of the product in a particular application.

READ THE SDS BEFORE USING THIS PRODUCT

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