



## ACID PASSIVATE AND SHINE

### NO-FOAM NITRIC ACID RINSE AND PASSIVATING SOLUTION

Acid Passivate and Shine rapidly removes surface rust and mineral soils from stainless steel and other nitric acid-resistant surfaces. Passivation of stainless steel improves chemical resistance, corrosion resistance, and improves the shine.

This product contains a high level of nitric acid. Do not use on copper, brass, mild steel, black pipe, galvanized steel, or other surfaces damaged by nitric acid.

#### **Physical Properties (Typical)**

Appearance	Colorless to Light Amber Liquid
Density	9.60 pounds/gallon
Odor	Mild
pH (1.0N Solution)	0.1
Specific Gravity	1.15 (Water = 1.00)



#### **Directions for Use**

Acid Rinse: After the detergent wash, circulate a solution at 0.078% [1 oz. (30 ml) per 10 gal. (40 L)] of warm water (pH 2 to 4) for 5 minutes. Drain solution from system.

Original Passivation of Stainless Steel: Make sure the parts are clean and do not have any alkaline residue on them. Dilute product to 20 – 30% with water. Soak (or circulate) for 30-minutes at 80 - 140F.

Renew Passivation of Stainless Steel: Make sure the parts are clean and do not have any alkaline residue on them. Soak stainless steel parts in 6% solution of this product. Soak (or circulate) for one hour at 160F.

This product does not contain any nonylphenol ethoxylates (NPEs). It is better for the environment and is subject to fewer regulatory restrictions than similar NPE-containing products.

Available sizes: 5 gal.

#### **Complete Cleaning Solutions**