

# Acid Brite 250

**Acid Brite 250** is an acid cleaner, deoxidizer, and passivating solution for stainless steel surfaces. It is a blend of organic acids and surfactants.

It may also be used to remove light scales from steel, light scale and oxidation from copper and copper-based alloys.

Acid Brite 250 is extremely free rinsing and may be used in soak and spray applications. It is safe when used as directed and all surfactants used in Acid Brite 250 are biodegradable.

## Features & Benefits

Free rinsing	Shorter cycle times; higher productivity
Versatile	Use as spray or immersion, lower inventory footprint. Use on multiple metals; lower inventory footprint.

## Operating Conditions

Application	Concentration	Temperature	Dwell time
Passivation	7% by volume	120°F – 160°F	2 – 5 min
Cleaning	5 – 10% by volume	100°F – 160°F	5 – 10 min.
Scale removal	5 – 25% by volume	80°F – 160°F.	5 – 15 min.

Work should be free of heavy oils and greases prior to passivating stainless steel or deoxidizing steel or copper-based alloys. For light oils and soils a pre-wash with a 10% volume solution of ACID BRITE 250 in a separate tank should insure the proper degree of cleanliness. If oils and soils are heavy a pre-wash using Hubbard-Hall's Aquease SL 916 or Aquease SL 917 is recommended.

Agitation and the use of ultrasonic equipment are desirable and beneficial in all applications.



### Solution control

The working solution should be maintained at a pH of 1.8 to 2.2 by the addition of Acid Brite 250 Concentrate.

### Equipment

Polypropylene or 316 stainless steel

## **Waste Disposal**

Depending on its use Acid Brite 250 solution may accumulate metal ions; therefore, disposal of working solutions should be in strict accordance with all environmental regulations in the geographic areas where it is used.

## **Caution**

Acid Brite 250 is acid with a pH of 1.8 to 2.0. Use caution when handling and working with the concentrate and diluted working solutions.

Read and understand OSHA safety data sheet prior to using or working with this product. People handling and working with this product should be properly trained in safe handling of corrosive liquid acids. Eyewash and safety shower should be readily accessible in areas in which this product is used, handled and stored.



**WARRANTY:** THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

## Our People. Your Problem Solvers.

For more information on this process,  
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