

ADBRITE R61

Cleans stainless steel, cast iron, steel, titanium and membranes of contaminating hard water salts and metal particles

ADBRITE R61 is a liquid acidic cleaner, descaler designed to remove rust and hard water scale from a variety of metal surfaces.

ADBRITE R61 is environmentally friendly and is based on low toxicity materials. It is free of chromium and nitric acid.

ADBRITE R61 is suitable for use with food and pharmaceutical manufacturing equipment made from a wide range of stainless steels including 304 and 316 grades. It is also suitable for the passivation of titanium and its alloys.

ADBRITE R61 retains its effectiveness even in the presence of light oil films. It has a very low corrosive effect on stainless steel. It does not cause flash rusting on mild steel.

DIRECTIONS FOR USE:

ADBRITE R61 can be used in immersion, manual brushing or C.I.P. operations.

Application Method	Concentration	Time	Temperature
Immersion	5 - 30%	1-10 hours	20 - 80°C
Manual Brushing	2 - 10%	30 sec - 5 min	Ambient
C.I.P. Cleaning	2 - 30%	1-10 hours	50 - 80°C

A specific application for thorough CIP cleaning is:

1. Clean with 5% Sodium Hydroxide by circulating at 80C or above for 1 hour.
2. Rinse with purified water until the conductivity is below 50 uS/cm.
3. Clean with a 25% solution of Adbrite R61 at a temperature of 80C or above for 1 hour.
4. Passivate by using Adbright R63 at 80C or above for 1 hour.
5. Rinse with purified water until the conductivity is below 2.7 uS/cm.

Spraying provides better surface contact and helps remove surface contamination as compared to dipping. As a rough guide spraying times can be about one third shorter than dipping times.

Temperature is also important. A 10°C rise in temperature will generally double the speed of a chemical reaction time.

Concentration is also important. Higher concentrations generally need shorter times, but not always.

RINSE ALL FOOD CONTACTING SURFACES WITH POTABLE WATER AFTER USE.

The above are general operating parameters only as subsequent rinsing and treatment will depend on the actual application.