

1831 Concentrate



Presenting our 1831 Concentrate; a mild, organic acid product which safely and efficiently removes smut, scale and oxides from ferrous and non-ferrous metals, resulting in a deep reflective finish. Formulated for use in ultrasonic cleaning systems, 1831 not only removes corrosion, but it helps prevent parts from corroding after cleaning. The days of using strong, hazardous, and corrosive inorganic acid cleaners are gone with the introduction of 1831 Cleaning Concentrate.

PHYSICAL PROPERTIES

Appearance	Orange Liquid
pH @ 1% solution	4.8
Odor	Mild
Foaming Action	Controlled
Solubility in Water	Complete
Rinsing Action	Excellent
Metal Safety	All Metals

Refer to our Material Safety Data Sheet for additional information.

USAGE AND DILUTION RECOMMENDATIONS

For stripping metal oxides from parts in soak tanks or ultrasonic cleaning applications, use 9 ounces per gallon of water (7% solutions). Concentrations higher than 7% will not work more efficiently. Solution temperature should be maintained between 130° F and 140° F. We recommend the use of a quality ultrasonic unit for highest efficiency. Rust and scale can normally be removed in 30 seconds to 2 minutes. The same concentrations may be used for passivation of stainless steel.

HANDLING AND STORAGE

This product does not pose any fire hazards. Use good industrial hygiene practices such as wearing rubber gloves and an impermeable apron to protect sensitive skin. Chemical safety goggles should be worn to protect eyes. If eye contact occurs, flush with plenty of water for at least 15 minutes and consult a physician. In case of skin contact, wash with soap and water, removing contaminated clothing and shoes. Keep product containers tightly closed when not in use. Store in the original container between 45° and 85°F. When stored as above, shelf life is a minimum of 2 years.

Progress Chemical guarantees its products will perform to your satisfaction when used in accordance to our recommendations. We back this guarantee with over 65 years experience. Our quality management system has been certified to ISO 9001 Quality Standards.