



SUPERIOR PREFLUX NICKEL CLEANER



DESCRIPTION

Superior PreFlux Nickel Cleaner was specially formulated to remove oxides from Nickel and Nickel-based alloys prior to lead tinning or soldering. The **Superior PreFlux Nickel Cleaner** is a water-based acid cleaner that can be used immediately prior to any lead or lead frame tinning operation.

APPLICATION

Prior to using the **Superior PreFlux Nickel Cleaner**, it is recommended that any organic film such as oil, grease, or others be removed from the surface. This may be accomplished by using a solvent vapor degreaser or an aqueous cleaning system using the **Superior SyberKleen 2000** in a 10% concentration.

To remove the oxide, the Nickel or Nickel alloy components should be dipped in the **Superior PreFlux Nickel Cleaner** a period of 1-30 seconds depending on the degree of oxidation. Room temperature or heated PreFlux Cleaner (up to 60°C/140°F) is recommended. The components should then be rinsed in clean water to remove post-dipping residues prior to tinning.

PHYSICAL PROPERTIES

Specific Gravity @ 25°C	1.100 ± 0.05
Pounds/Gallon	9.18
Color	Clear, Green
pH	>1.0
Mv	400 - 450
Solubility in water	Complete
Flash Point	None

SAFETY PRECAUTIONS

Superior PreFlux Nickel Cleaner is a corrosive product and should be handled with care and the normal precautions taken when working with chemical products.

When cleaning Nickel surfaces with **Superior PreFlux Nickel Cleaner**, adequate exhaust ventilation should be provided. Avoid contact with eyes, skin, and mucous membranes. Always wear NIOSH approved safety goggles, glasses, gloves, and other protective gear when working with chemicals.

Refer to Material Safety Data Sheet (MSDS) for additional safety information.

Store in plastic containers away from heat in an area with controlled temperature between 18°C/64°F – 25°C/77°F.

Superior manufactures quality fluxes. Our business is solving problems.

