



ANODAL® CLEANER NPA Liq

Anodal Cleaner NPA Liq. is a high performance phosphate-free acid cleaner. *Anodal Cleaner NPA* contains a blend of organic acids and surfactants suited to clean a large range of soils, including grease, oil, oxidation, handling and cutting oils, and buffing compound. It also contains components to prevent scaling on tank walls and heating coils. The mild and fine etched surface is especially suited for subsequent bright dipping.

PHYSICAL PROPERTIES:

Appearance: Clear to pale yellow brown liquid
Density: 9.0 lb/gallon

APPLICATION:

Materials of construction: Stainless steel, plastic, or fiberglass
Initial make-up: 3-6% by volume
Operating temperature: 130-170° F
Immersion time: 3-15 minutes depending on application.

CONTROL METHOD:

1. Pipette a 50 ml sample into a suitable flask and add several drops of bromocresol green indicator.
2. Titrate with 1.0 N sodium hydroxide until the orange color turns from yellow to blue.

Calculation: **Anodal Cleaner NPA Liq. (% v/v) = ml NaOH x 1.1**

PRECAUTIONS:

Anodal Cleaner NPA Liq. contains organic acids. Wear goggles and protective gloves when handling the product.

WASTE DISPOSAL:

Anodal Cleaner NPA liq. contains biodegradable components. Before dumping, solutions may require pH adjustment or other treatment based on the contained soils to comply with local regulations.

Recommendations, notices or instructions as to handling, use, storage or disposal of this product, including its use alone or in combination with other products, or as to any apparatus or process for its use are based upon information believed to be reliable. No liability is taken with respect to any such recommendations or instructions. Sole and exclusive warranty is that products comply with published chemical and physical specifications as provided on the certificate of analysis. No other warranties, either express or implied are given.