



ANODAL® CLEANER PMP

Anodal Cleaner PMP powder is a heavy duty, non-phosphate, no silicate alkaline soak cleaner that exhibits the following performance characteristics:

- Environmentally friendly composition
- Effective at removing stamping oils & buffing compounds.
- Superior emulsification and soil retention properties.
- Hard water compatible

PHYSICAL PROPERTIES:

Appearance: Free flowing powder

APPLICATION DETAILS:

Concentration: 4 - 8 oz/gal (30-60 g/l)
Temperature: 120°F - 160°F.
Time: 1 - 10 minutes
Equipment: Mild Steel

CONTROL METHOD:

1. Place a 50 ml sample in a 250 ml beaker.
2. Add 8 - 10 drops of Methyl Orange indicator.
3. Titrate with 1.0 N Hydrochloric acid (HCl) to a red endpoint.*

Calculations: **Anodal Cleaner PMP (oz/gal) = ml HCl x 0.22**
Anodal Cleaner PMP (g/l) = ml HCl x 1.64

*Control foam by adding as needed, drops of acetone or other defoamer.

HANDLING PRECAUTIONS:

Anodal Cleaner PMP is slightly alkaline and may be irritating to some personnel. Rubber gloves should be worn when transferring this material to the processing tank.

WASTE DISPOSAL:

Anodal Cleaner PMP contains biodegradable wetting agents. Solutions of PMP may need pH adjustment in order to meet local ordinance standards prior to disposal.

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.