



ANODAL® DEOX LFN LIQUID

Anodal Deox LFN Liquid is a general purpose de-smut / de-oxidizer suitable for most aluminum alloys. This product is recommended for most typical job shop operations.

PHYSICAL PROPERTIES:

Appearance:	Clear brown Liquid
Specific gravity:	1.32 (11.0 lbs/gal)

APPLICATION DETAILS:

Concentration:	5-8% by volume
Temperature:	70° - 100° F.
Immersion time:	0.5 - 2.0 minutes
Agitation:	Air agitation strongly recommended

CONTROL METHOD:

The deoxidizer bath is normally controlled by titrating to determine its acidity and maintained by additions of Anodal Deox LFN Liquid. Additional titration and control procedures are available although they are seldom needed unless unusual situations such as insufficient air agitation or bath contamination occur.

1. Pipette a 20 ml sample of the bath into a suitable beaker
2. Add about 100 ml of DI water and a few drops of phenolphthalein indicator.
3. Add 2 g sodium gluconate.
4. While stirring, titrate to a pink endpoint with 1.0N sodium hydroxide.

Calculation: **Anodal Deox LFN Liquid (% vol) = ml NaOH x 0.62**

HANDLING PRECAUTIONS:

Anodal Deox LFN contains a mineral acid. Face shield, protective gloves, and suitable apparel should be worn when handling this product.

WASTE DISPOSAL:

This product does not contain chromium. Solutions should be pH adjusted and otherwise treated to meet local ordinances.

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.