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COLPREP AL SNP

TECHNICAL DATA
 12-01-2020

COLPREP AL SNP ALUMINUM CLEANER

- COLPREP AL SNP is a non-silicated, caustic free, mildly alkaline granular product designed for immersion cleaning applications.
- COLPREP AL SNP is recommended for cleaning aluminum alloys without etching the substrate.
- COLPREP AL SNP may also be used for cleaning ferrous and non-ferrous metals such as copper, brass, magnesium, and zinc.

OPERATING PARAMETERS

COLPREP AL SNP	4 - 6 oz/gal (30 - 45 g/L)
Temperature	120 - 145° F (40 - 63° C)
Time	2 - 10 minutes

EQUIPMENT

Mild steel or stainless tanks and heating equipment are suitable for COLPREP AL SNP.

ANALYTICAL PROCEDURE

1. Pipette a 10 mL sample of the COLPREP AL SNP bath and place in a 250 mL Erlenmeyer flask.
2. Add 50 mL of distilled water, 5 drops of Methyl Orange indicator and add 1 g of Mannitol. Mix well.
3. Titrate with 1.0N Hydrochloric Acid to a red end point.
4. Add 5 drops of Phenolphthalein to the above and titrate with 1.0N Sodium Hydroxide (NaOH) until a red point is reached which persists for 30 seconds.
5. Record mL of 1.0N NaOH required.

CALCULATIONS:

COLPREP AL SNP (oz/gal) = 1.70 x (mL 1.0N NaOH)
COLPREP AL SNP (g/L) = 12.75 x (mL 1.0N NaOH)

HANDLING & STORAGE

Columbia Chemical recommends referring to the specific product Safety Data Sheets for safety, handling, and storage precautions.

NON-WARRANTY

The data contained in this bulletin is believed by Columbia Chemical Corp. to be accurate, true, and complete. Since, however, final methods of use of this product are in the hands of the customer and beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin, nor can we assume responsibility of the use of this product by the customer in any process which may infringe the patents of third parties.