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ZINCATE 1670

TECHNICAL DATA
01-13-2022

ZINCATE 1670 CYANIDE FREE ZINC CONCENTRATE

- ZINCATE 1670 is specially formulated for new-bath make-ups or for easy replenishment of zinc metal in alkaline baths where the zinc metal has been depleted below the desired level.
- ZINCATE 1670 is a highly concentrated zinc metal solution for alkaline non- cyanide zinc and zinc-nickel plating systems
- ZINCATE 1670 is a high purity solution that eliminates needs for additional purification.
- ZINCATE 1670 has a high metal concentration to minimize caustic soda build-up
- ZINCATE 1670 has high metal concentration to minimize the cost per pound of shipping zinc.

OPERATING PARAMETERS

Zinc Metal Concentration:	16 oz/gallon (120 g/L)
Caustic Soda Concentration:	70 oz/gallon (525 g/L)

HELPFUL HINTS

NEW BATH MAKE-UP OF NON-CYANIDE ZINC OR ZINC-ALLOY BATHS

Refer to specific technical data sheets for proper procedure for new bath make-up.

REPLENISHMENT OF NON-CYANIDE ZINC OR ZINC-ALLOY BATHS

One gallon of ZINCATE 1670 added directly to 100 gallons of the zinc or zinc alloy bath (1 liter of ZINCATE 1670 added to 100 liters of bath) will raise the Zinc concentration 0.16 oz/gal (1.2 g/Liter) and raise the Caustic Soda concentration 0.7 oz/gal (5.25 g/Liter).

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.

