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TECHNICAL DATA SHEET

CM-962-M NON-CHROME SEAL RINSE

PRODUCT DESCRIPTION

CM-962-M is a concentrated liquid rinse additive intended for use in the final rinse stage of industrial phosphating operations. **CM-962-M** is added to the final rinse stage following the iron phosphate stage to provide resistance to flash rusting and improve phosphate performance. **CM-962-M** aids in improving humidity resistance, salt spray resistance, and paint adhesion. **CM-962-M** can be used in a pressure spray or soak tank operation.

PRODUCT FEATURES

- Concentrated liquid
- Humidity and salt spray improvement
- Low foaming
- Non-chromated additive
- Non-molybdenum

USE DIRECTIONS

Use **CM-962-M** at a concentration of 0.25 – 1.0% by volume from room temperature up to 120°F. The **CM-962-M** rinse tank should be dumped once per week. If **CM-962-M** is followed by a DI mist, a dump schedule of every 2-3 weeks will generally suffice.

The pH of the rinse tank should be maintained between 4.5 - 6.0 units. Adjustments to pH must be made with **CM-962-M** concentrate only. Initial charge may require addition of CM-46-B (TEA) to adjust pH upwards.

TITRATION CONTROL – Total Acid Dropper Method

Measure 50 ml tank sample into flask.

Add 2-3 drops of phenolphthalein indicator solution.

Titrate with 1.0 N NaOH dispensed from dropper bottle. Swirl flask frequently during additions.

Titrate until color changes from **colorless** to **medium pink**.

Multiply drops of titrating solution times **0.027** to convert to operating concentration in percent by volume.

SAFETY AND HANDLING

Refer to material safety data sheet for additional information about this product.