Additive CN-100

Treatment Additive, Nitrogen-Calcium

Calcium-Nitrogen rich additive for use in chemical processing bath applications. Can be used to modify crystal size, regulate coating weights and grain refinement in process baths where needed. Typically used very sparingly (small additives) directly into the processing baths or concentrate feeding systems as an additive.

CN-100 can be used in zinc phosphate baths to lower coating weights in heavy coating processing baths and to replenish calcium in all types of zinc phosphate processes.

Zinc phosphate RB-048 is an example of a calcium rich bath that could be modified with additional calcium if needed.

Features & Benefits

- Concentrated Liquid

Physical Data

pH	5.0 +/-
Product Type	Liquid
Spec. Gravity	1.465
lbs./gal.	12.22
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

Typical Processing

1. Per process requirement for calcium nitrogen applications.
2. When adding CN-100 into a zinc bath pre-test the required level of additions in the lab prior to using.
3. Feed CN-100 into zinc phosphate baths to maintain desired levels of large crystals or tight crystals, higher coating weights or lower coating weights.

Packaging

Container Type	Poly pails, drums, or totes
Net Units	672
Tare Wt.	25 lb.
Gross Wt.	695
DOT_Name	Not regulated by D.O.T.
DOT Hazard	Not regulated.
Tarriff ID	X

Use Parameters

Concentration Range	As required to maintain calcium.
Temperature Range	Ambient – 210 F.
Time Range	Per process sequence.
Agitation	Simple, add to bath, stir.

Waste Disposal

Contain and dispose in accordance with local rules.

Holding Tank Materials of Construction

Acid resistant, stainless, or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.
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