



NCS-3, Final Rinse

Rinse Passivator Toner

NCS-3 is a final rinse passivation treatment for Iron and Zinc phosphat treatment processes. Prevents flash rust or oxidation on processed parts without chrome.

NCS-3 provides a superior surface which is more receptive to painting and coatings.

NCS-3 will provide improved bonding and corrosion resistance of applied coatings.

Features & Benefits

- Easy to control
- Non-Chromate
- Operates at a wide chemical use range
- Excellent performance when used with a final deionized water rinse
- Passivates zinc and iron coatings
- Can be used in spray and immersion applications

Physical Data

pH	3.5 – 4.0
Product Type	Liquid
Spec. Gravity	1.093
lbs./gal.	9.12
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 Years
Freeze Information	Not damaged by freezing

Typical Processing

5 stage clean & coat process:

1. Alkaline pre-wash, 1111, 2-4%, 120 -150 f, 60- 120 sec.
2. Rinse
3. Clean and Phosphate in 6035, DBS-100, 2000, 1347. iron phosphate
4. Rinse
5. NCS-3 treated rinse, .25-.1.0% by volume, 100 deg. F., 25+ seconds., PH 4.8-5.6, warm air blow-off., To paint.



Packaging

Container Type	Poly
Net Units	502
Tare Wt.	25
Gross Wt.	526
DOT_Name	Not regulated by DOT
DOT Hazard	Not regulated by DOT
Tarriff ID	

Use Parameters

Concentration Range	0.25 – 1.5% by volume
Temperature Range	75-150 deg. F.
Time Range	20 sec. min.
Agitation	Spray or dip

Waste Disposal

See local laws regarding pH.

Holding Tank Materials of Construction

Acid resistant, tteel, 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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Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.