

Product DATA BULLETIN

ZS 7585S

Reactive Final Rinse Prior to Paint

INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

Description:

ZS 7585S is a specially formulated, acid-reactive final rinse compound designed for application in the final stage of spray washers and dip tanks. Its primary function is to seal and smooth phosphate coatings, thereby enhancing the surface finish and overall coating quality. By promoting superior adhesion and improving resistance to corrosion—as demonstrated in salt spray tests—ZS 7585S significantly contributes to the longevity and durability of treated parts. In addition to its role as a post-phosphate rinse, ZS 7585S also offers versatile functionality as a substitute for traditional phosphate coatings when used following a mild alkaline cleaner. Furthermore, it can effectively serve as a replacement for aluminum conversion coatings when applied after either a phosphate treatment or a mild alkaline cleaning process. This makes ZS 7585S an efficient and flexible solution for metal finishing operations seeking to streamline processes without compromising performance.

Applications:

Use Concentrations:

As final rinse: 0.5-1.5% v/v Maintain pH at 4.5-5.0. Dump and recharge tank daily for lines that are used heavily. Use pH Adjust 7670 to adjust pH in use.

Operating Temperatures:

Minimum Operating: Ambient

Maximum Operating: 160 F

Process Hints:

A) Will work as a final seal at all temperatures. The higher the temperature of the final rinse, the faster the parts will dry. If parts coming from the dry off oven are still wet prior to painting, increase the temperature of the final rinse. B) Daily maintenance of the rinse tank is important to ensure that all contamination is removed and that a pH of 4.5-5.0 is maintained to ensure a seal on the phosphate coating.

Safety On Equipment: Review the Product SDS for safety and handling recommendations.

PRODUCT PROPERTIES

Color	Clear Water White
Odor	Mild
pH 5% Solution	3.5-4.0
Foaming	None
Rinsing	Free and Complete
Hard Water Stability	Up to 500 ppm
Specific Gravity	1.009-1.029

PACKAGING CONFIGURATIONS

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

STORAGE & HANDLING

- Packaged in Polyethylene Containers
- Store Inside at Room Temperature in Original Container
- Standard Chemical Handling Practices
- Shelf Life of ~2 Years in Sealed Containers

See SDS for complete safety recommendations.

1/2/2025

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