



TECHNICAL DATA SHEET

Wayncor™ CIA 300 – Corrosion Inhibitive Additive.

Description – Zinc 5-Nitroisophthalate

Wayncor™ CIA 300 is a zinc based organic inhibitor. It is effective in a wide variety of systems and can be used as a stand-alone inhibitor or synergistically with other corrosion inhibitors to significantly improve corrosion resistance. It is supplied as an easily dispersible pigment. Typical use levels as a synergistic additive range from 0.5 - 2.5% total formula weight and from 3 – 7% total formula weight as a stand-alone inhibitor.

Characteristic	Test Method	Typical Value
Appearance		Light yellow powder
Zinc as ZnO [%]		50-52
Organic content [%]		48-50
Specific Gravity	ASTM D-153	2.50
Bulking Value [gal/lb]		0.048
Bulking Value [l/kg]		0.400
pH	ASTM D-1208	6.0-8.0
Conductivity [micro Siemens]	ASTM D-2448	< 1000
Moisture at 110°C [%]	ASTM D-280	< 6.0
Oil Absorption [lbs/100 lbs]	ASTM D-281	≤ 50
Apparent Bulk Density, Tapped [g/100 cm ³]		30-40
Fineness of Grind [Hegman Value]	ASTM D-1210	6.0 Min.
Mean Particle Size [microns]	Malvern Mastersizer	8.9

Suggested Applications
Short and Medium Oil Alkyds
Long Oil Alkyds
High Solids Alkyds
Epoxies
Polyurethanes
Acrylics and Modified Acrylics

Performance in other systems has not been fully evaluated.

These are typical values and do not represent specifications.

The information made herein is based upon our research and the research of others, and is believed to be accurate. No guarantee of accuracy is made and the product discussed is sold without warrant, expressed or implied and upon the condition the purchaser shall make their own tests to determine the suitability of such product for their particular purposes.



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