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InvoCor CI-1230: Aqueous Inhibitor for Car Wash Detergents
(Copper and Brass Protection)

The advent of automotive clear coats necessitated a change in the car wash industry, the move to brushless car washes. This move to brushless car washes required a detergent reformulation to achieve the desired cleanliness results. The detergent had to be more aggressive in nature and this typically resulted in a higher pH car wash detergent. Unfortunately, these higher pH detergents accelerate the corrosion of the copper and brass fittings on carwash infrastructures.

InvoCor CI-1230 is a specially designed corrosion inhibitor to protect the copper and brass plumbing fixtures in the carwash infrastructure. Based on a unique blend of carboxylate and triazole chemistries, it has both film forming and VCI protection mechanisms.

InvoCor CI-1230 typically doesn't adversely affect detergent foaming properties. It also provides the added benefit of providing temporary corrosion protection to steel, providing a degree of corrosion protection to the automotive underbody.

Typical loadings are in the range of 1%-3% of detergent concentrate.

TYPICAL PHYSICAL PROPERTIES:

pH: 10.0
 Specific Gravity: 1.04
 Density: 8.7 lbs. per gallon
 Color: Brownish Yellow
 Clarity: Clear

CUSTOMER NOTICE:

Invotec MA LLC provides this information in good faith but makes no representation as to its comprehensiveness. Our products are intended for industrial use only. We cannot foresee how each customer may use the product in connection with its manufacturing and/or sales operation. Therefore, we cannot and do not warrant that the product will produce the results desired or expected by each customer under varying circumstances. It is the ultimate responsibility of each customer to determine the suitability of the product. Therefore, we strongly urge customers to vigorously pursue their own testing program in order to determine the suitability of our product to meet their requirements.

Imagination × Ingenuity + Implementation

“True innovation is the product of *imagination* and *ingenuity* combined with the unique ability to *implement* results to the maximum benefit of all our valued stakeholders.”