

# Data Sheet



The information contained in these data sheets product performance when used in their intended WIM Inc. cannot foresee all of the potential place when these products are used. Please read for more information about these products.

## WIM® Acid Additive WIM ® 3-21

WIM<sup>®</sup> 3 21 is a general pickling inhibitor for sulfuric or muriatic acid. It differs from other WIM<sup>®</sup> additives in that it does not use surface conditioning chemicals, or depolarizers. Its added reliance on inhibiting agents assures maximum protection of the pickled surface. It can be used in a broad range of pickling applications such as rod and wire pipe, bar, sheet, structural, castings, plating and galvanizing to name a few. Acid usage is controlled as over pickling or burning is easily prevented and a clean free rinsing surface is ready for subsequent coatings.

You will gain full control over your pickling operation, how you pickle, how much acid you want to use, how much energy you require, how long between dumps or recovery cycles. These are your choices depending on your conditions.

### Recommended Usage

WIM<sup>®</sup> 3 21 is used at the rate of 1/4% to 1/2% of the acid weight in charging or maintaining the pickle (0.0083 of the acid volume).

### Rundown

When the iron reaches 6—7% do not add more acid but work the tank down for dumping. Raise the temperature as needed to retain the pickling cycles, generally no more than 2°C (5°F) at a time.