

# TECHNICAL DATA SHEET

## RAINKOTE® NC

### STAIN PREVENTING ADDITIVE

RAINKOTE® NC is a stain preventing additive for rinse systems after hydrochloric or sulfuric acid pickling operations. It is an acidic product possessing corrosion protection and wetting. It is designed to eliminate brown or reddish stains often experienced on steel exiting a continuous pickler. It eliminates the formation of iron hydroxide slimes which accumulate in rinse tanks as a result of acid bath carryover. Due to its non-chelating type components, it is compatible with waste treatment processes where removal of metals like iron, copper, zinc, and chromium must be accomplished to meet limits for effluents.

#### Applications

RAINKOTE® NC functions by preventing the carryover products from depositing on the immersed steel surface and by protecting that rinsed surface after exiting the rinse section before drying occurs.

It provides good wetting on the metal surface and is low foaming, so as to minimize any problems with disposal or water treatment.

#### Recommendation for Use

RAINKOTE® NC should be added directly to the rinse tank water. No premixing is necessary, as it mixes readily in rinse water. An initial charge should be metered into the rinse system typically at a 0.15 - 0.25% concentration with incoming rinse water. It should be added to the first rinse tank the steel encounters, and also to the second tank if there is one. For spray systems, meter into the incoming water at 0.15 - 0.25% concentration. Then it will permeate throughout the entire system at that concentration.

#### The Benefits

- Eliminates rinse tub gels and slimes
- Protects steel from flash rust after rinse
- Non-toxic
- Low foaming
- Good wetting - results in better rinsing of chlorides and sulfates
- Does not chelate heavy metals in waste treatment process

#### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

#### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Transparent colorless to straw color liquid	
Specific Gravity at 70°F	1.067	
Density	8.89	lbs/gal
pH Neat at 0.25%	0.5 1.5 - 2.0	

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. RNC

