

# Syntech® III

## Technical Data Sheet

### Dry pH Reducer

Heartland Energy Group, Ltd has developed a unique and extremely safe powdered synthetic acid system. Syntech® III can be used in multiple industries including the swimming pool, metal plating and finishing, agriculture and industrial cleaning operations. Syntech® III dissolves quickly and without any fumes unlike hydrosulfites or sodium meta-bisulfites. Syntech® III packs the dissolving power of hydrochloric acid yet offers the safety of an organic acid. Syntech® III ships non hazardous and is non regulated by the UD DOT.

#### FEATURES AND BENEFITS:

- Used to lower pH ; Safe to handle; Non-fuming!
- Maintains balanced water & total alkalinity in pools & spas and hot tubs
- Quickly dissolves
- Prevents excess calcium build-ups
- Non sodium bi-sulfate formula
- Eliminates spilling & splashing making it safer to handle
- Has the dissolving power of hcl but the safety of an organic acid
- An excellent choice for plating and metal finishing operations
- Aids in the removal of rust, scale oxides and stains
- Effectively activates metals surfaces for additional finishing
- A great option for pickling operations
- A great product for pH control in soils; Easy to tank mix!

#### TYPICAL PHYSICAL PROPERTIES:

<u>Appearance</u>	<u>Free flowing crystalized</u>
<u>Color</u>	<u>White powder</u>
<u>Odor</u>	<u>Minimal</u>
<u>Solubility in Water</u>	<u>100%</u>
<u>Specific Gravity</u>	<u>1.28±.02</u>

#### DIRECTIONS FOR USE:

Use per your own specifications and requirements. Dilution ratios may vary based on the specific application. Consult a Heartland Energy Group, Ltd. Representative for application recommendations.

##### Recommended Dosage

Typically add 1 pound per gallon of fresh water

Dosage will vary depending on desired fluid characteristics.

#### STORAGE AND HANDLING:

Discard as per federal, state and local guidelines.

#### PACKAGING:

Syntech® III is packaged in 50# pails. Larger package sizes are available upon request.



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