



South, LLC



pHirst® Water Amendment

Physical and Chemical Properties

Typical Properties

Sulfur Acid equivalent, wt%	49.0%
Sulfur Acid equivalent per gal, lbs.	6.21
Crystallization Temperature, F	42 F+/-3 F
Viscosity, cps	49 cps
Specific Gravity	1.52
Weight Per Gallon	12.65 lbs / gal
Volume per Ton	158 gal / ton
Percentage of Water	17.5%

Metal Corrosion (static, 130 F)

Mild Steel (SAE1020), mils / yr	45
Aluminum (7075-T6), mils / yr	466
pH (10% Solution)	<1.0

Proper Shipping Name:

Corrosive Liquid N.O.S. (Contains Monocarbamide dihydrogen sulfate)

Hazard Class: 8

ID#: UN1760

Packing Group: III

Placard Requirement: NONE

Note:

Not regulated if transported by motor vehicle or rail-car {49CFR 173.154(d)}

Our solutions are your solution



Made in USA

Uncontrolled mixing of urea and sulfuric acid generates substantial heat, and could result in a violent, uncontrolled reaction that could cause serious injury. Manufacturing methods are done under specific parameters and controls.

For more information on pHirst® Water Amendment, please contact Growing Solutions South, Inc. at 800/816-4041 or visit our website at www.yourgrowingsolutions.com