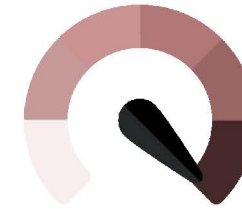




SoilGuard^{Na} Pro / CC1016 -330G / -55G / -5G

SoilGuard Na Pro is our 3rd generation flagship soil solvent. Formulated with over twice the amount of glycolic acid than the competition, SoilGuard Na Pro delivers **maximum performance** in the most challenging conditions, while still achieving a 40X reduction in HCl vapor pressure.



Did you know: Glycolic acid is a naturally occurring low molecular weight carboxylic acid found in plant tissues. A strong calcium scale inhibitor and natural anti-microbial, glycolic acid has been used to eliminate scale¹, reduce plant stress and stimulate plant growth².

Competition Comparison

Total Acidity: Equivalent or Higher **Feed Rate:** Equivalent or Lower
Nutrient Release: Equivalent or Higher **HCl Vapor Pressure:** 40X Lower
BEST FOR: Stressed systems looking for optimum performance gains

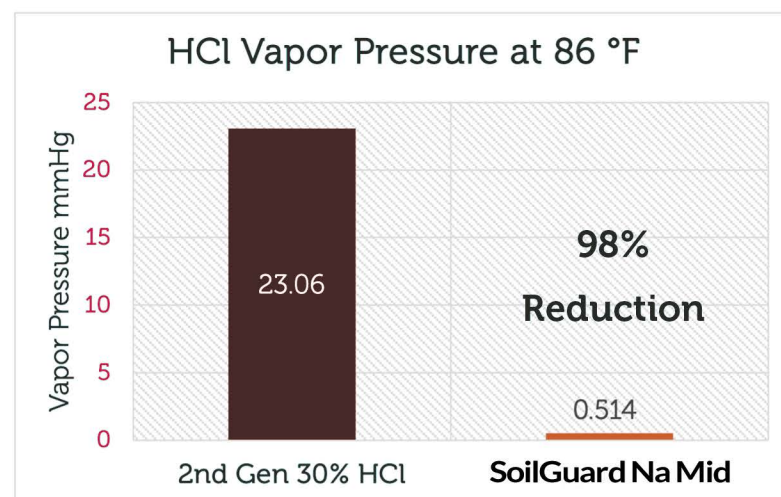
1: Patent US3639278A
2: Patent US6432883B1

SoilGuard^{Na} Pro, Mid & LC

SoilGuard Na is an innovative 3rd generation soil solvent that has been designed from the ground up to protect your whole investment: soil, produce and equipment.

The SoilGuard Na range utilizes widely adopted hydrochloric & glycolic acid blends to deliver superior metal and mineral release in the soil while alleviating sodium chloride toxification, SoilGuard Na delivers a third innovative component. Using an FDA GRAS 1 status* corrosion inhibitor, which breaks down into innocuous fertilizer-grade nitrogen on contact with soil, SoilGuard Na lowers hydrochloric acid vapor by over 40X at 90°F.

This dramatically reduces vapor phase induced corrosion throughout irrigation lines, pumps, nozzles, and equipment stored near the chemical container. Formulated with a food contact approved wetting agent and no reduction in total acidity compared to 2nd generation products, SoilGuard Na delivers enhanced asset protection without compromising feed rate economy.



- Premium Hydrochloric and Glycolic blends match and exceed the competition for soil nutrient release
- Excellent mineral and metal oxide descaling in irrigation lines
- Over 40 times less HCl vapor pressure protects equipment and people
- Compatible with ultra-compact dry media scrubbers

* Generally Recognized as Safe (GRAS), SCOGS Type 1 Conclusion: Lowest Risk

SoilGuard^{Na} Mid / CC1017 -330G / -55G / -5G

SoilGuard Na Mid has been expertly formulated with hydrochloric and glycolic acids to deliver **perfectly balanced** performance without compromises.



Containing our 3rd generation GRAS 1 status corrosion inhibitor, SoilGuard Na achieves 40X less HCl vapor pressure without compromising total product acidity or feed rates.

Competition Comparison

Total Acidity: Equivalent **Feed Rate:** Equivalent
Nutrient Release: Equivalent or Higher **HCl Vapor Pressure:** 40X Lower
BEST FOR: Existing HCl users looking for enhanced protection or new conversions from gypsum/sulfuric acid

SoilGuard^{Na} LC / CC1018 -330G / -55G / -5G

SoilGuard Na LC has been designed for the most sensitive systems where the **lowest** corrosion product is needed.



With a lower total acidity and our 3rd generation GRAS 1 status corrosion inhibitor, Nano LC delivers 80X less HCl vapor pressure, allowing more customers to consider hydrochloric based treatments.

Competition Comparison

Total Acidity: Lower **Feed Rate:** Higher (approximately 20%)
Nutrient Release: Equivalent **HCl Vapor Pressure:** 80X Lower
BEST FOR: Older or more sensitive systems, first time customers moving from gypsum/sulfuric

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