

Ethanol Solutions



Hydrite's ethanol products are GRAS for animal feed and FSMA compliant

Hydri-Maize™ 2759

Liquid antimicrobial formulated to decrease dependency on antibiotics

Features

- Easily dispensed liquid that can be directly injected into infected systems
- Effective over a wide pH range (2.0 - 8.5)

Value Proposition

- Antibiotic free; effective against both gram negative and gram positive bacteria
- Powerful CIP additive for protein and oxalate removal



Hydri-Maize™ CB-400

Concentrated formula effective in reducing vomitoxin from syrup and DDGs

Features

- Easy to dose, liquid formula
- Product addition formula to meet vomitoxin targets

Value Proposition

- Helps meet ongoing feed requirements
- Increase DDGs value
- Broadens corn supply as high input mycotoxins can be controlled



Hydri-Maize™ Demulsifiers

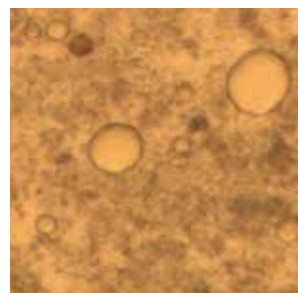
Unique liquid formulations designed to increase distiller's corn oil production

Features

- Special formulations designed to reduce unit operations scale
- Produces cleaner oil

Value Proposition

- Increased corn oil recovery
- Decreased use cost



Hydri-Maize™ CRC 152

Unique blend to replace sodium hydroxide in CIP applications

Features

- All in one concentrated product used to clean various unit operations in place of caustic

Value Proposition

- Reduces bacteria, sodium, chemical handling and chemical costs
- Improves water balance



Providing Creative Solutions



HYDRITE CHEMICAL CO.

Hydri-Maize™ Catalyzed Bisulfites

Concentrated blend of bisulfites used for VOC abatement in CO2 scrubbers

Features

- Drop-in replacement for current bisulfites
- Faster kinetics resulting in rapid

Value Proposition

- Yeast nutrient rich bisulfite blend that reduces carbon dioxide scrubber VOC's
- Decreased material handling
- Reduction in hydrogen peroxide consumption



Hydri-Maize™ SAR product line

Acid & chelator liquid formulation designed to replace sulfamic acid crystals

Features

- Pound for pound replacement of sulfamic acid
- Easily applied to the process

Value Proposition

- Safer than sulfamic acid crystals:
 - Better ergonomics
- Highly cost-effective acid cleaner



Hydri-Maize™ Scale Control 200

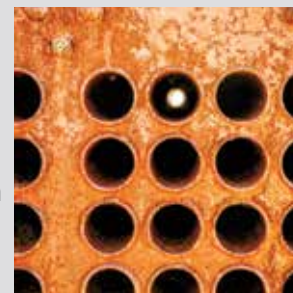
Injected into evaporators to prevent scale formation & improve heat transfer

Features

- Prevents hard mineral scale formation in unit operations
- Triple-acting scale prevention through chelation, dispersion, & threshold inhibition

Value Proposition

- Reduction in sulfuric acid consumption
- Improved heating efficiency and water balance control



Hydri-Maize™ CIP 3421

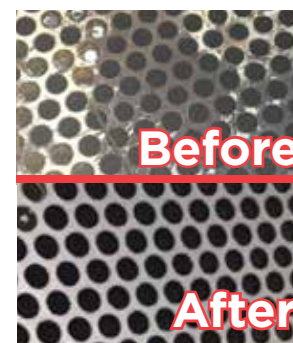
Injected into evaporators to remove protein & mineral scales

Features

- Hydroxyl free radical extreme cleaning
- Persistent foam suppression
- Reduce cleaning times

Value Proposition

- Improves caustic cleaning
- Shortened CIP cycles and improves equipment run time



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