



GUARANTEED ANALYSIS

Total Nitrogen (N).....15.0%
15%.....Urea Nitrogen
Sulfur (S).....16.0%
Derived from: monocarbamide dihydrogensulfate. Sulfuric acid equivalence: 49%

KEEP OUT OF REACH OF CHILDREN



DANGER
READ ENTIRE LABEL BEFORE USING

GENERAL INFORMATION

Volution Affect is a low pH solution of urea and sulfuric acid. This product can be used to correct pH, alkalinity, carbonate and bicarbonate issues in your irrigation and tank mix water. Volution Affect will reduce water pH, manage bicarbonates and help maintain irrigation systems. Do not apply as a foliar application when final pH of tank mix or irrigation water is less than pH 6.0 and/or not in accordance other products in your program. If your application pH is less than pH 6.0, you should perform a test application to ensure that applied water and chemistry is compatible at your specific target pH and will not interact adversely with tank mix or residual chemistry on the target crop.

GENERAL RECOMMENDATIONS

Volution Affect is intended for application through irrigation systems. It may be used to prevent emitter/head clogging and to mitigate high bicarbonate levels in the irrigation water.

APPLICATIONS AND USE

For most vegetable and tree crops: Inject 1 to 3 gallons per acre, every 7 to 21 days with ample irrigation water to ensure movement to root zone. Do not use on stone fruit. Do not apply over foliage when water pH has been reduced below 6.0 pH without first performing a check as outlined above. Turfgrass, lawns and fairways: Inject 0.5 to 5 gallons per acre, per application, as needed, based upon irrigation suitability tests, or according to recommendations in your nutrient management plan. Typical injection rates are 1 gallon per 5,000 to 20,000 gallons of irrigation water. Exact injection rates should be determined via laboratory tests determining irrigation suitability and/or titration curves using Volution Affect as the acidifying agent.

IRRIGATION: (Including Drip, Trickle, Mist and Sprinkler systems). **CLEAN OUT / SHOCK TREATMENT:** Inject enough product to lower the pH to 2 to 2.5 for a duration of 3 to 6 hours. At the end of cycle, flush system with water only, through a line cleanout fitting, avoiding contact with foliage.

MAINTENANCE EXAMPLE: inject enough product to lower the pH to 6.0 to 6.5 or to remove 50% of bicarbonates. Exact injection rates should be determined via laboratory tests determining irrigation suitability and/or titration curves using Volution Affect as the acidifying agent.

PRECAUTIONARY STATEMENTS

Human Hazards: Causes severe eye, skin, and lung irritation. Harmful if swallowed. Chemical goggles or a full face shield should be worn. Avoid contact with spray and avoid breathing spray mists. Wear suitable protective equipment to protect skin, such as synthetic rubber or non-nylon plastic apron, gloves, pants, and boots. Wash with soap and water after skin contact. Remove contaminated clothing and wash before reuse.

Environmental Hazards: Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE / HANDLING / DISPOSAL

STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry wellventilated area, preferably in a locked storage area away from children, feed, food products and seed.

HANDLING: Avoid contact to skin, eyes, and mucous membrane. Wash hands thoroughly after handling this product.

DOT Corrosive to aluminum and mild-steel. Not regulated by DOT if transported by motor vehicle or railcar in packaging that will not react dangerously or be degraded by this material, 49 CFR 173.154(D).

DISPOSAL: Dispose of empty containers by triple rinsing or equivalent and discard empty containers in accordance with current Local, State and Federal regulations. Do not contaminate water, food or feed sources by cleaning of equipment or disposal of waste or rinsate.

WARRANTY

Seller warrants this material conforms to its description and is reasonably fit for the purpose stated on the label when used in accordance with any directions provided, with proper equipment in good working order and under normal conditions of use. Buyer assumes the risk of any contrary use. Seller makes no other expressed or implied warranty of fitness for a particular purpose, and no agent or seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall seller's liability for any breach of warranty exceed the purchase price of the material as to which as claim is made.

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For 24-hour technical assistance when using this product in the USA call: 1-800-323-8351
For 24-hour emergency service when using this product in the USA call CHEMTREC: 1-800-424-9300
Made in USA



Available Sizes: Bulk, Tote
Net Weight: 12.6 lb (5.7 kg) per U.S. Gallon

MANUFACTURED BY:
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