



**WARNING**

**FOR AGRICULTURAL OR COMMERCIAL USE ONLY  
KEEP OUT OF REACH OF CHILDREN**

**PRECAUTIONARY STATEMENTS**

Do not breathe mist, fumes, spray, or vapor. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection, face protection. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Dispose of in accordance with local, regional, national, international regulations as specified.

**GHS Classification:** Skin Corrosion/Irritation Category 2. Serious eye damage/eye irritation Category 2B.

**Percent Known Acute Toxicity:** oral: 27.8% dermal: 53% inhalation vapor: 53% inhalation dust/mist: 53%

**NOTE: CONSULT THE SAFETY DATA SHEET FOR DETAILED HEALTH SAFETY, AND ENVIRONMENTAL INFORMATION FOR THIS PRODUCT**

**FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Wash out mouth with water. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL, CHEMTREC 1-800-424-9300

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry, well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal.

**DISPOSAL:** Do not reuse container. Triple rinse (or equivalent), adding rinse water to storage tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/locations> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

**HANDLING:** Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

For help with any spill, leak, fire, or exposure involving this material, call day or night CHEMTREC 1-800-424-9300

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

BEFORE USING OR BUYING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of STRAIGHT ARROW LAND MANAGEMENT, LLC or the seller is authorized to vary in any way. Follow the directions for Use of the product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of STRAIGHT ARROW LAND MANAGEMENT, LLC and the seller. The buyer or user of this product assumes all such inherent risks. Subject to the foregoing inherent risks, STRAIGHT ARROW LAND MANAGEMENT, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. STRAIGHT ARROW LAND MANAGEMENT, LLC MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF STRAIGHT ARROW LAND MANAGEMENT, LLC OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. STRAIGHT ARROW LAND MANAGEMENT, LLC AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT OR FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

**GUARANTEED ANALYSIS**

Total Nitrogen (N).....**8%**  
**8%** Urea Nitrogen  
Available Phosphate (P<sub>2</sub>O<sub>5</sub>).....**4%**  
Soluble Potash (K<sub>2</sub>O).....**16%**

Derived from urea, phosphoric acid, and potassium citrate

**GENERAL INFORMATION**

VITAL is a concentrated source of all three major nutrients; nitrogen (8% as N), phosphorus (4% as P2O5), and potassium (16% as K2O) that can be used to provide readily available nitrogen, phosphorus and potassium to all types of crops. This combination of essential, high-quality nutrients at specific ratios provides optimum uptake, enhancing fruit size and production. VITAL supports the release of stored energy not only through the Krebs Cycle but also as a precursor to amino acids, leading to higher yields and improved crop quality. This STRAIGHT ARROW CARBON BOOSTED product supplies soil beneficial, carbon-based organic material, promoting microbial activity and nutrient availability to the plant. As a result, VITAL is extremely clean, containing no unwanted sodium and chlorides that negatively affect growth and productivity. VITAL is a highly soluble, clear liquid formula, held in solution for effortless applications and fantastic results.

**DIRECTIONS FOR USE**

VITAL can be applied to most field crops, row crops, vegetable, cucurbit crops, deciduous fruit and nut trees, citrus, grapes, berries, olives, and avocados.

**FERTIGATION APPLICATION RATES**

Apply 5-25 gallons per acre per irrigation. Continue irrigation for a minimum of 2 hours after application to maximize nutrient distribution with drip and micro-sprinkler use. Repeat applications will be beneficial.

Consult your local STRAIGHT ARROW Certified Crop Advisor for a more precise application recommendation based on soil and/or plant tissue analysis.

**DENSITY:** 11.08 lb/gallon @~68°F  
**LIQUID MEASURE:** \_\_\_\_\_gallons (gal)\_\_\_\_liters (l)  
**NET WEIGHT:** \_\_\_\_\_pounds (lb)\_\_\_\_kilograms (kg)

FOR BULK SHIPMENT (E.G., ROAD/RAIL TANKER) REFER TO BILL OF LANDING FOR WEIGHT.