



NutriValent™ G16

Bio-Based Complexing Agent

Product Description

NutriValent™ G16 is a partially neutralized, organic acid-based complexing agent derived from plant-based materials. It can be used as a complement to or replacement for traditional chelating or complexing agents, including but not limited to glucoheptonate, EDTA, HEDTA, and citric acid.

Recommended Application

NutriValent™ G16 can be used in fertilizer formulations to deliver complexed nutrients, including but not limited to zinc, calcium, and iron, through foliar applications to help maximize plant nutrition. It can also be used in drip irrigation water to control water hardness. Depending on the application, it can be used as-is or formulated with other components to enhance performance. It is recommended that NutriValent™ G16 be evaluated in the desired system to determine the appropriate dosage for optimal performance.

Features & Benefits

- Enables efficient nutrient delivery & uptake
- Enables high nutrient content
- Superior cation control over wide pH range
- Effectively conditions drip irrigation water to prevent scaling
- Acidifies alkaline water
- Biodegradable, NTA- and cyanide-free
- Locally and sustainably manufactured in USA using novel chemienzymatic process
- Enables lower overall chemical usage, treatment costs, and GHG emissions
- Eases blending and handling
- Stable down to -10°C
- Listed on EPA's Inerts Trade Name Database and approved as a sequestrant under 40 CFR § 180.920

Typical Properties*

Appearance	Colorless to dark amber liquid
Solubility in Water	Soluble
pH, neat	3.0 – 4.0
Specific Gravity @ 25°C	1.30 – 1.40

*The above general properties do not necessarily constitute a specification. Please refer to the latest SDS and COA for the most up-to-date information.

Storage & Handling

NutriValent™ G16 should be stored in its original container away from direct sunlight in a dry, cool, and well-ventilated area. Storing at temperatures below 15°F may increase viscosity. Please refer to latest SDS for more information regarding safe handling and storage prior to use.

Standard Packaging & Availability

NutriValent™ G16 is available in 55-gal non-returnable poly drums, 275-gal non-returnable IBC totes, and bulk. Please contact your Solugen representative for net container weights.

Contact Information

Solugen, Inc.
14549 Minetta Street
Houston, TX 77035
713-380-2134

For product-related inquiries:
Please email us at ag@solugen.com or contact your Solugen representative.