



## Guaranteed Analysis

Silica (SiO<sub>2</sub>)..... 20.0%

**Derived From:**  
Sodium Silicate

**Also contains beneficial substances:**  
0.05% Organic Matter (derived from humic substances)

### Physical Properties:

Form: Liquid  
Appearance: Slightly hazy amber, having a unique characteristic odor.  
Weight: 10.76 lb/gal, 1.29 kg/L  
pH: 11.0–12.0

### Caution:

Keep out of reach of children. Harmful if swallowed. The liquid and mists may be severely irritating to the eyes. The liquid and mists may cause irritation to the skin and respiratory tract. This product may be slightly corrosive to aluminum, magnesium, lead, tin, and zinc.

### Storage and Disposal:

Do not store this product below 50°F (10°C) or above 90°F (30°C). Keep product in original container. Do not transfer into food or drink containers. Triple rinse container when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

### Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on this product:



## The Solution for Improved Silica Nutrition in Crops

Huma<sup>®</sup> Sili-Max<sup>®</sup>, carbon-complexed with Micro Carbon Technology<sup>®</sup>, is a highly available source of silica, which is essential in grains and grasses for stronger heads, shoots, and blades. It increases the strength and rigidity of the plant cells to prevent lodging or flopping.

### Benefits of Use:

- Essential in grains, grasses, and turf for stronger heads, shoots, and blades
- Increases the strength and rigidity of the plant cells
- Strengthens cell walls to prevent flopping or lodging
- Reduces the tendency of crops and turf to wilt during the initial stages of drought
- Increases resistance to environmental stresses

### Deficiency Symptoms—When to Apply:

- Weak plant cell structure
- Inadequate silica levels in tissue or soil analysis

### Application Instructions:

SHAKE WELL BEFORE USING. Designed for soil and/or foliar application. Can be applied alone or in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers having a pH > 8.0. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops	Tree or Vine Crops	Turf or Horticulture
Foliar band application at 50% coverage	Up to 0.5 cup/acre, 350 mL/hectare	—	—
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 1 cup/acre, 700 mL/hectare	Up to 1 pt/acre, 1.25 liters/hectare	Up to 0.5 oz/1000 ft <sup>2</sup> , 16 mL/100 m <sup>2</sup>
Soil banded or injected through drip tape or micro sprinklers.	Up to 1 cup/acre, 700 mL/hectare	Up to 1 pt/acre, 1.25 liters/hectare	Up to 0.5 oz/1000 ft <sup>2</sup> , 16 mL/100 m <sup>2</sup>
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 pt/acre, 1.25 liters/hectare	Up to 1 quart/acre, 2.5 liters/hectare	Up to 1 oz/1000 ft <sup>2</sup> , 35 mL/100 m <sup>2</sup>



This product contains Micro Carbon Technology<sup>®</sup> (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.