



SURF-MAX®

Sustainable Soil Fertility

Ingredients:

Dipropylene Glycol Methyl Ether..... 2.25%
 Inert Ingredients 97.75%

Derived From:

Dipropylene Glycol Methyl Ether.

Additional Contents:

Micro Carbon Technology®*

Physical Properties:

Form: Liquid
 Appearance: Hazy light brown, having a unique characteristic odor.
 Weight: 9.07 lb/gal, 1.00 kg/L
 pH: 4.0–5.0

Caution:

Keep out of reach of children.
May cause mild skin irritation.

Storage and Disposal:

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

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, turf conditions, and other factors are beyond the control of the seller.



***This Product Contains Micro Carbon Technology® (MCT®), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.**

The Soil Surfactant Solution for Turf

HUMA GRO® TURF SURF-MAX® complexed with Micro Carbon Technology® is a blend of nonionic surfactants designed to improve both penetration and lateral movement of water within the root zone and increase soil moisture retention. By improving the infiltration and distribution of water in the soil profile, SURF-MAX® ensures that turf managers are getting the most out of their applied water and water-carried inputs.

Benefits of Use:

- Reduces soil water repellency in “hot spots” and localized dry spots.
- Ensures even root zone distribution and availability of nutrients and chemical inputs applied by water; helps move water through soil profiles that have been “plugged up.”
- Healthier turf and roots are better able to withstand fluctuations in moisture availability and defend against stresses brought on by heat and drought conditions.
- Increased movement of moisture through soils helps make greens drier and firmer.
- Fully biodegradable, non-hazardous, non-phytotoxic, and highly compatible with existing chemistries.

When to Apply:

- At all turf growth stages when irrigation use efficiency is desired—including prior to and during summer stress and whenever drought conditions or water restrictions are present.
- When water-repellent soil conditions lead to “hot spots” and localized dry spots.
- When the following water conditions are seen on the course: puddling, channeling, or water running off the surface before the turf can properly absorb it.
- During overseeding, when heightened water repellency of soil can make it difficult for turf to grow—resulting in wasted water and grass seed.

Application Instructions:

- SHAKE WELL BEFORE USING.
- Designed for soil application to greens, tees, and fairways.
- Can be applied in combination with compatible plant growth regulators, pesticides, or liquid nutrients.
- After adding SURF-MAX® to solutions, apply immediately to the soil with sufficient irrigation water (usually 1/3–1/2 inch) within 24 hours of application to ensure even distribution of SURF-MAX® in soil at turf rooting depth (6–12 inches).
- Applications can be made as often as every 14 to 28 days, as needed. Under severe conditions of localized dry spot(s), increasing the rate or shortening intervals may be required.
- Consult your local HUMA GRO® TURF Representative or other turf specialist for turf-specific recommendations.

METHOD OF APPLICATION	SUGGESTED RATES	
	Initial Rate	Sustainable Rate
General application to soil through fertigation	24–32 oz/acre; or 0.5–0.75 oz per 1,000 sq ft	12–16 oz/acre; or 0.25–0.375 oz per 1,000 sq ft
Spray equipment with liquid fertilizer solutions or pesticide mixes, then watered into the soil	24–32 oz per minimum of 80 gal of solution per acre; or 0.5–0.75 oz per 2 gal of solution per 1,000 sq ft	12–16 oz per minimum of 80 gal of solution per acre; or 0.25–0.375 oz per 2 gal of solution per 1,000 sq ft