

PBS150[®]

**POLYFUNCTIONAL
BRANCHED SURFACTANT**



**MULTI-
BRANCHED
SUSTAINS
A LONGER
UNIFORM SOIL
MOISTURE
PROFILE**





PBS150 is a long-term surfactant utilizing a unique multi-branched molecular structure to address the source of performance loss – biodegradation of the surfactant molecule by soil microbes. **PBS150** sustains a longer uniform soil moisture profile.

A uniform supply of water within the soil profile is critical during heat and water stress periods to meet the transpirational demands of the plant. Equally important, is the need for a uniform supply of water to turfgrass roots during a period of recovery and repair. Without a sustained supply of water, the turfgrass plant will be unable to rebuild its root system and carbohydrate (sugar) reserves (needed to survive dormancy and for subsequent new growth requirements).

The ability of **PBS150** to improve the uniform soil moisture status of turfgrass offers the turfgrass manager a highly flexible surfactant system from which to address these two critical periods of successful turfgrass management -- Heat and Water Stress and Turfgrass Recovery.

- Reduce hydrophobic conditions on a sustainable basis
- Encourage a pattern of hydration and re-hydration that improves the amount of available water in the soil profile to meet the metabolic demands of the plant
- Restore the uniform movement of water into and through the soil profile
- Promote improvement in turfgrass quality, color, and uniformity
- Improve stress tolerance
- Money back guarantee

A 45% active injectable formulation of **PBS150** is also available. Please contact your distributor for information about **PBS150 INJ**.

COMPOSITION

PBS150 Polyfunctional Multi-Branched Soil Surfactant is non-toxic, non-flammable, non-corrosive and biodegradable.

Active Ingredients:

100% Octahydroxy polyoxyalklene polymers

PBS150 Multi-Branched Soil Surfactant is available in 55, 30 and 2.5 gallon recyclable containers.*

*Check with your distributor for availability.

APPLICATION RATES

Greens and Tees

Apply 5 ounces per 1000 ft² in 2 gallons of water (160 ml per 100 m² in 8 liters). Apply three applications at 30 day intervals. Reapply after 120 days from last treatment, or as needed, if climatic conditions still exist for the formation of water repellency conditions.

Fairways, Bunker Faces, Collars, Rough, Lawns and Sports Turf

Apply 8 ounces per 1000 ft² in 2 gallons of water (255 ml per 100 m² in 8 L). 10 to 14 days later apply a second application at 8 ounces per 1000 ft² in 2 gallons of water (255 ml per 100 m² in 8 L). Reapply after 120 days, or as needed, if climatic conditions still exist for the formation of water repellency conditions.

Irrigate after each application of **PBS150** to wash the surfactant off the leaf blades.

Distributed by:



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