

Duplex™

IRRIGATION



SOIL SURFACTANT AND SEQUESTERING AGENT

PRINCIPAL FUNCTIONING AGENTS:

Proprietary Blend of Surfactants	17.00%
Sequestering Agent.....	7.00%
TOTAL	24.00%

NONPLANT FOOD INGREDIENT

CAUTION: KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Before using this product, read the entire label, including conditions of sale. When mixing or applying, wear appropriate personal protective equipment including splash goggles or face shield and impervious gloves. May cause irritation to skin and eyes. Ingestion of large amounts of product may cause mucosal irritation, dizziness, nausea and possible vomiting.

STATEMENT OF PRACTICAL TREATMENT

- If Swallowed:** Give large amounts of water to drink. Do not induce vomiting. Seek medical attention immediately.
- If Inhaled:** If vapors or mist cause irritation, remove subject to fresh air.
- If In Eyes:** Flush with water for 15 minutes. Seek medical attention.
- If On Skin:** Remove contaminated clothing. Wash contacted skin with plenty of soap and water. If irritation persists, consult a physician.

GENERAL INFORMATION

DUPLEX is a multi-purpose irrigation surfactant that sequesters a wide range of hard water ions (such as CaCo₃) that may affect the performance of soil surfactants. DUPLEX significantly reduces the surface tension of water, allowing penetration through thatch layers and into water repellent soils. DUPLEX will enhance irrigation efficiencies, reduce localized dry spots and improve hydrophobic soils resulting in better overall growing conditions.

DUPLEX IS DESIGNED FOR USE ON GOLF COURSES, ATHLETIC FIELDS AND RESIDENTIAL OR COMMERCIAL TURF, UNDER THE SUPERVISION OF GOLF COURSE SUPERINTENDENTS, SPORTS TURF MANAGERS OR PROFESSIONAL LANDSCAPE CONTRACTORS.

DIRECTIONS FOR USE

For best results follow application rates and instructions listed below.

APPLICATION TECHNIQUES

DUPLEX may be injected through the irrigation system or applied with conventional spray equipment. DUPLEX can be applied throughout the growing season without fear of discoloring sensitive turfgrass species. To achieve best results, apply DUPLEX prior to the onset of turf stress or conditions that promote soil hydrophobicity. DUPLEX is compatible in programs with most fertilizers and pesticides. Use rates and application timing vary depending upon soil type, hydrophobicity and water hardness.

APPLICATION RATES

INJECTION: Apply 20 ounces (591 ml) of DUPLEX into water volume sufficient to treat one acre (.40 ha) of turfgrass. Monitor results to determine levels of infiltration into the most difficult to penetrate turf areas. Adjust rate, up or down, in 4 ounce (118 ml) per acre (.40 ha) increments, until desired level of performance is achieved.

SPRAY APPLICATION: Apply 20 ounces (591 ml) of DUPLEX in a minimum of 60 gallons (227 L) of water to treat one acre (.40 ha) of turfgrass. Monitor results to determine levels of infiltration into the most difficult to penetrate turf areas. Adjust rate, up or down, in 4 ounce (118 ml) per acre (.40 ha) increments, until desired level of performance is achieved.

APPLICATION INTERVAL: Use DUPLEX monthly throughout the growing season. On water repellent soils or in poor quality water, use DUPLEX on a more frequent basis.

STORAGE AND DISPOSAL

Protect product from freezing. If product freezes, warm to room temperature before use. Store in original container only and do not reuse empty container. Rinse container thoroughly, disposing of rinsate and the container in accordance with federal, state and local regulations. Do not store near heat or open flame.

CONDITIONS OF SALE: Read the information contained herein before buying or using this product. If the stated terms are unacceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, Inc. warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated hereon and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the Company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product shall be the purchase price paid by the user or buyer for the product involved.

S P E C I M E N L A B E L

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For 24-hour technical assistance when using this product in the USA call: 1-800-323-8351
For 24-hour emergency service when using this product in the USA call CHEMTREC: 1-800-424-9300
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