

**CONTAINS NON-PLANT FOOD INGREDIENT(S)**

**ACTIVE INGREDIENTS**

10% Alcohol Ethoxylates  
90% Polyethylene – polypropylene Glycol – Block Copolymer

**KEEP OUT OF REACH OF CHILDREN  
WARNING**



**PRECAUTIONARY STATEMENTS**

Harmful if swallowed. Causes skin irritation and serious eye irritation. May be harmful if inhaled. If medical advice is needed, have product container or label at hand. Read label before use. Avoid breathing mist, vapors and spray. Wash protective equipment and work clothes thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**



Applicators or other handlers of this product should wear splash-proof chemical safety goggles, coveralls and boots. Consult the SDS for further information.

**FIRST AID**

**If Swallowed:** Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by medical personnel. Do not give anything to an unconscious person.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**If On Skin:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

**If Inhaled:** Remove person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

**GENERAL INFORMATION**

CASCADE PLUS contains a combination of surfactants that reduce surface tension and improve the infiltration of rainfall and irrigation, while increasing the volumetric water content of dry soils. The infiltration and hydration provided by CASCADE PLUS result in improved irrigation efficiency, reduced localized dry spot (LDS) and long lasting performance. CASCADE PLUS may be applied early in the growing season as a preventative measure or as a curative treatment later in the growing season. CASCADE PLUS may be tank mixed or used in conjunction with DUPLEX™, DUPLEX ULTRA™, MAGNUS™, or MAGNAPLEX™.

CASCADE PLUS IS SUITABLE 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**

CASCADE PLUS is a combination of surfactants. To avoid risk of temporary leaf tip discoloration, caused by certain environmental conditions that may exist at application, follow the application techniques described below. If CASCADE PLUS cannot be applied according to the application techniques listed below, the use of CASCADE PLUS 16G is recommended.

**APPLICATION TECHNIQUES**

Under hot or dry conditions, Pre-wet the turfgrass with at least two turns of the irrigation heads or approximately 0.10 inches (26 mm) of water, to dilute the concentration of CASCADE PLUS on the leaf surface, decrease the risk of leaf discoloration, and improve product performance.

Irrigate immediately after application for 15–20 minutes or with approximately 0.25 inches (64 mm) of water to move CASCADE PLUS into the root zone to enhance product performance.

**USE RATES**

Cool season turf (zones 1–6): Apply two applications of 8 ounces (237 ml) each in 1–2 gallons (3.79–7.57 L) of water per 1000 square feet (92.9 m<sup>2</sup>) at a 7 to 10-day interval to relieve the symptoms of LDS for 4 to 6 months. Apply 4 ounces (119 ml) in 1–2 gallons (3.79–7.57 L) of water per 1000 square feet (92.9 m<sup>2</sup>) every 30 days, if shorter application intervals are desired.

Cool or warm season turf (zones 1–10): Apply 4–8 ounces (119–237 ml) in 1–2 gallons (3.79–7.57 L) of water per 1000 square feet (92.9 m<sup>2</sup>) every 30–60 days.

**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. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

**CONDITIONS OF SALE**

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, 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, LLC 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 herein 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 quantity of product involved.

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