



# Soil Penetrant

## GUARANTEED ANALYSIS

### CONTAINS NON-PLANT FOOD INGREDIENTS

#### ACTIVE INGREDIENTS:

Ammonium alkyl ether sulfate.....47.0%  
 Alkylpolyglucoside.....6.0%

#### INACTIVE INGREDIENTS:

Water, 1,2,3-trihydroxypropane.....47.0%

**TOTAL**.....100.0%

F 1980  
 Density: 9.0 lbs./gal. at 68° F

## MIX WELL BEFORE USING

HydraFLO is a liquid surfactant that enhances wettability of soils and/or root substrates, thereby enhancing penetration of water and other water soluble materials.

**Directions For Use:** Incorporation of HydraFLO into the soil is not required; it may be surface applied for pre- or post-emergence applications. HydraFLO may be used at any time of year though preferred application times are early spring (prior to or at planting or break in dormancy of perennial crops) and fall, after harvest of annual or perennial crops.

#### Soil Applications - Agriculture:

- **General Rate:** six to 12 fluid ounces of HydraFLO diluted in 15 to 20 gallons of water per acre.
- **Sandy Soils:** six to 10 fluid ounces of HydraFLO diluted in five to 20 gallons of water per acre at least twice per year.
- **Heavy Clay Soils:** eight to 12 fluid ounces of HydraFLO diluted in 15 to 20 gallons of water per acre.

**Soil Applications - Turf:** Apply HydraFLO to highly maintained turf areas at a rate of two to six fluid ounces diluted in one to two gallons of water per 1,000 square feet. Dilution with two gallons per 1,000 square feet is preferred. Use the lower HydraFLO rate when frequent, weekly applications are being made. Use the higher rate with infrequent applications or when applying product to fine textured, clay soils. Consult with your Solutions 4Earth representative for specific advice, as application rates significantly vary depending on the soil profile, course configuration and foot traffic.

**Irrigation Injection:** HydraFLO can be injected into irrigation systems at a rate of four to eight fluid ounces per acre initially, followed by two fluid ounces per acre during subsequent irrigations, if needed.

**Soil Mixes or Soiless Container Mixes:** Apply 30 fluid ounces of HydraFLO diluted in 10 to 20 gallons of water per 10 cubic yards of mix.

**Compatibility & Mixing:** Always read and follow label instructions for this product and for all accompanying tank mix products. HydraFLO is believed to be compatible with most crop protection products. Conduct a jar test to confirm compatibility prior to large scale applications. Fill spray tank half full with water without agitation. Add HydraFLO after all other tank mix products, fill remaining water and begin agitation. The use of an antifoam agent is recommended.

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

Information concerning the raw materials composing the product HydraFLO® can be obtained by writing to Solutions 4Earth, LLC.

## LIMITED WARRANTY

All information on this label is provided by Solutions 4Earth® "as is" and, to the extent permitted by law, is provided without warranty of any kind, expressed or implied, including, but not limited to, any implied warranties of merchantability, non-infringement or fitness for any purpose. While the information is believed to be accurate, it may include errors or inaccuracies and Solutions 4Earth does not guarantee results or warrant suitability for a particular purpose or use. Before using this information, user agrees to determine suitability for the intended purpose, perform necessary testing and consult with appropriate experts. By use of the information herein, the user agrees to assume all risk and liability in connection therewith.



**Causes mild skin irritation and serious eye irritation. Combustible liquid.**

## PRECAUTIONARY STATEMENTS

#### Prevention

- Keep away from heat/sparks/open flames/hot surfaces.
- Wash face, hands and any exposed skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear eye/face protection.
- Do not breathe dust/fume/gas/mist/vapors/spray.

#### General Advice

- Immediately call a poison control center or doctor.
- See below for specific treatment.

#### Eyes

- **IIF IN EYES:** Rinse cautiously with water for 10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Skin

- **IF ON SKIN (or hair):** Immediately remove all contaminated clothing. Rinse skin with water/shower.
- Wash contaminated clothing before reuse.
- Do NOT use solvents or thinners.

#### Inhalation

- **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Ingestion

- **IF SWALLOWED:** Call a poison control center or doctor if you feel unwell.
- Rinse mouth.
- Do NOT induce vomiting.

#### Storage and Disposal

- Store locked up in original, labeled container and keep sealed.
- Do not store in direct sunlight for extended periods or allow to freeze.
- Dispose of contents/container to an approved waste disposal facility.

#### Emergency Contact Telephone Numbers

- 24 hours within USA / Canada: Chemtrec 1-800-424-9300
- 24 hours international: 1-703-527-3887
- Solutions 4Earth: 8 a.m. to 5 p.m. Pacific Time at 702-315-5121

## GUARANTEED BY:



SOLUTIONS 4EARTH, LLC  
 931 American Pacific Dr. #104  
 Henderson, NV 89014  
 (855) 834-3882

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**Net Contents: 2.5 gal. / 9.5 L**  
**Net Weight: 22.5 lbs. / 10.2 kg**

**Net Contents: 250 gal. / 946.4 L**  
**Net Weight: 2250 lbs. / 1020.6 kg**