



## Stratum™ Soil Penetrant

### GENERAL INFORMATION

Stratum is a liquid surfactant that enhances wettability of soils and/or root substrates thereby improving penetration of water and other water soluble materials. Improved water penetration leads to better water infiltration and minimization of water run-off and evaporation. Stratum provides increased soil moisture levels helping promote a better growing environment for crops, turf and ornamental plants. Stratum helps reduce soil crusting thereby making soil tillage easier. Stratum can be applied by any conventional farm spraying or irrigation injection system including boom sprayer, flood irrigation, center pivot and hand-held sprayers. Stratum is formulated for use on cultivated or no-till soil, pasture, bare soil, and potting/media mixes.

### USE RATES: Soil Applications for Agriculture

**General Rate:** 6 to 12 fluid ounces diluted in 15 to 20 gallons of water per acre.

**Sandy Soils:** 6 to 10 fluid ounces diluted in 5 to 20 gallons of water per acre at least twice per year.

**Heavy Clay Soils:** 8 to 12 fluid ounces diluted in 15 to 20 gallons of water per acre.

### USE RATES: Soil Applications for Turf

**General Rate:** 2 to 6 fluid ounces diluted in 1 to 2 gallons of water per 1,000 square feet; dilution with 2 gallons per 1,000 square feet is preferred. Use the lower rate when frequent, weekly applications are being made. Use the higher rate with infrequent applications or when applying product to fine textured, clayey soils.

**Irrigation Injection:** 4 to 8 fluid ounces per acre initially, followed by 2 fluid ounces per acre during subsequent irrigations, if needed.

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

### TECHNICAL INFORMATION

**Net Weight:** 9.00 lbs/gal

**Specific Gravity:** 1.08

**Flashpoint:** > 157°F TCC

**pH:** 7-8

**Color & Appearance:** Clear Liquid

**Storage Temperature - Minimum:** 32°F

**Storage Temperature - Maximum:** 120°F

**DOT/IMDG Transportation (applies to containers greater than 119 gallons only):** NA1993, Combustible Liquid, N.O.S., (contains butanol and dipropylene glycol methyl ether), 3 PG III

**Registered With CDPR:** No

**Registered With WSDA:** No

### CONTAINS NONPLANT FOOD INGREDIENTS

11.9% 1,2,3-propanetriol  
44.0% Salt of alkyl ether sulfate  
44.1% Inert ingredients



### PACKAGING

4 x 1 gallon jugs  
36 cases per pallet  
Item#: STRAT01

2 x 2.5 gallon jugs  
36 cases per pallet  
Item#: STRAT02

30 gallon drum  
5 drums per pallet  
Item#: STRAT30

55 gallon drum  
4 drums per pallet  
Item#: STRAT55

265 gallon tote  
1 tote per pallet  
Item#: STRAT265



**KALO**

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Important: This information is not a substitute for the label. Always read and follow label instructions.

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