



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



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

Stratum is a trademark of KALO, Inc.
KALO, Inc., 13200 Metcalf Ave, Suite 250, Overland Park, KS 66213 • www.kalo.com
Important: This information is not a substitute for the label. Always read and follow label

Document Date: 04.17.23
© 2023 KALO, Inc.