



PRODUCT DATA SHEET



EMCELLE[®]-D₃ LIQUID

MICELLIZED, WATER-DISPERSIBLE, LIQUID VITAMIN D
2,500,000 I.U. vitamin D₃ per fl. oz. (84,500 I.U./mL)
NDC 59007-3050-1

DESCRIPTION

EMCELLE-D₃ LIQUID is a white-colored, *micellized*, water-soluble solution of vitamin D₃. Each fl. oz. contains 2,500,000 I.U. vitamin D (84,500 I.U./mL).

Vitamin D activity is provided as cholecalciferol, an oily liquid that is micellized making this oil-soluble vitamin completely water-soluble. The *micellization* process enhances the ability of animals to utilize vitamin D and other fat-soluble vitamins. The process allows solubilized fat-soluble vitamins to be absorbed more readily than dry, oil-based, or emulsion-forms of fat-soluble vitamins. Non-micellized supplemental vitamin D has to be micellized (made water soluble) in the small intestine prior to being absorbed. With **EMCELLE**, that step is not required.

The product is specially formulated for use in drinking water or may be orally administered to newborn pigs. The product should not be mixed into complete feeds and stored for extended periods of time due to the unstable form of vitamin D in the product.

PACKAGE SIZE

Available in 1 liter (33.8 fl oz) plastic bottles. Twelve bottles per shipper.

FOR ANIMAL USE ONLY – NOT FOR HUMAN USE

Store at room temperature or under refrigeration.

Avoid freezing and excessive heat.

USE DIRECTIONS

DRINKING WATER DIRECTIONS for Grow-Finish and Breeding Swine

To prepare a stock solution for grow-finish and breeding swine, mix **½ fl. oz. EMCELLE D₃** per gallon of water.

Meter the stock solution at the rate of 1 fl. oz. per gallon of drinking water. This will provide approximately **9,750 I.U. vitamin D per gallon drinking water**. Use when vitamin D supplementation is needed, especially in gestating sows before farrowing.

ORAL ADMINISTRATION DIRECTIONS for newborn pigs.

Orally administer **½ -1 mL** per newborn pig to provide 42,250 I.U. to 84,500 I.U. per dose.

