

**Texas Feed & Fertilizer Control Service:
OFFICE OF THE TEXAS STATE CHEMIST**

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FEED INDUSTRY MEMORANDUM NO. 5-35

Definition of Hempseed Oil, Mechanical Extracted: Horses and Chicken

OBJECTIVE:

To define Hempseed Oil, Mechanical Extracted as an ingredient for the manufacture of feed for horses and chickens in the State of Texas.

BACKGROUND:

The Texas Hemp Farming Act, introduced as House Bill 1325, authorizes the production, manufacture, retail sale, and inspection of industrial hemp crops and products. The Texas Department of Agriculture regulates commercial hemp production to ensure THC content does not exceed 0.3%. The Texas Feed and Fertilizer Control Services (FFCS) of the Office of the Texas State Chemist regulates the manufacture, distribution and sale of feed ingredients and feed. The Texas Commercial Feed Control Act §141.008 authorizes the Service to adopt rules authorizing, defining and controlling the use of hemp and hemp products in commercial feed. Hempseed Oil, Mechanical Extracted is a new ingredient for use as a source of energy in the diets of foal, mare, breeding, and maintenance horses and for broiler, layer and breeder chickens. This definition will allow end-users of approved products to quickly get their product into the marketplace and implement their use than otherwise would be permitted by requiring their approval through customary channels such as AAFCO and/or FDA. The guiding principle of this is that an established science-based need is being fulfilled as outlined in Feed Industry Memorandum 5-21 and 5-30.

POLICY:

Hempseed Oil, Mechanical Extracted is the product obtained by mechanically extracting, with no additional heat, the oil from the *Cannabis sativa* L. seed, either whole seed or dehulled, processed for edible purposes, and may safely be used in animal food as a source of energy. It consists primarily of glyceride esters of fatty acids and contains no additions of free fatty acids or other materials obtained from fats. It must contain and be guaranteed for; not less than 90% total fatty acids, not more than 2% unsaponifiables, and not more than 1% insoluble impurities. Hempseed oil can be safely fed as an ingredient up to 12% of the total diet in foal, mare, breeding, and maintenance horses and in chicken feed for broilers, layers and breeders. If an antioxidant(s) is used, the common name must be followed by the words "used as a preservative".



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