

**1510.2200 ADULTERANTS.**

Subpart 1. **Definition.** For the purpose of Minnesota Statutes, section 25.37, paragraph (a), the term "poisonous or deleterious substances" includes, but is not limited to, the following:

A. fluorine and any mineral or mineral mixture which is to be used directly for the feeding of domestic animals and in which the fluorine exceeds 0.20 percent for breeding and dairy cattle; 0.30 percent for slaughter cattle; 0.30 percent for sheep; 0.35 percent for lambs; 0.45 percent for swine; and 0.60 percent for poultry;

B. fluorine-bearing ingredients when used in such amounts that they raise the fluorine content of the total ration, exclusive of roughage, above the following amounts: 0.004 percent for breeding and dairy cattle; 0.009 percent for slaughter cattle; 0.006 percent for sheep; 0.01 percent for lambs; 0.015 percent for swine; and 0.035 percent for poultry;

C. fluorine-bearing ingredients incorporated in any feed that is fed directly to cattle, sheep, or goats consuming roughage, with or without limited amounts of grain, that results in a daily fluorine intake in excess of 50 milligrams of fluorine per 100 pounds of body weight;

D. soybean meal, flakes, or pellets or other vegetable meals, flakes, or pellets which have been extracted with trichlorethylene or other chlorinated solvents;

E. sulfur dioxide, sulfurous acid, and salts of sulfurous acid when used in or on feeds or feed ingredients which are considered or reported to be a significant source of vitamin B<sub>1</sub> (Thiamine); and

F. artificial color not listed and not used within the conditions, limitations, and tolerances prescribed for each coloring substance in Code of Federal Regulations, title 21, part 73A, for food coloring exempt from certification, or in Code of Federal Regulations, title 21, part 74A, for food coloring subject to certification. No artificial color material shall be used to enhance the natural color of the feed or feed ingredient whereby inferiority would be concealed.

Subp. 2. **Weed seeds.** All screenings or by-products of grains and seeds containing weed seeds, when used in commercial feed or sold as such to the consumer, must be ground fine enough or otherwise treated to destroy the viability of the weed seeds so that the level of such viable weed seeds in the finished product does not exceed the levels specified in Minnesota Statutes, sections 21.71 to 21.78.

**Statutory Authority:** *MS s 25.40*

**History:** *29 SR 655*

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