

§ 573.1020

(2) In liquid feed supplements for ruminant animals at a maximum use level of 0.25 percent (5 pounds per ton).

(c) To assure safe use of the additive:

(1) The label of its container shall bear, in addition to other information required by the act, the name of the additive.

(2) The label or labeling of the additive container shall bear adequate directions for use.

[49 FR 44630, Nov. 8, 1984]

§ 573.1020 Yellow prussiate of soda.

Yellow prussiate of soda (sodium ferrocyanide decahydrate: Na₄Fe(Cn)₆·10H₂O) may be safely used as an anticaking agent in salt for animal consumption at a level not to exceed 13 parts per million. The additive contains a minimum of 99.0 percent by weight of sodium ferrocyanide decahydrate.

[41 FR 38657, Sept. 10, 1976; 41 FR 48100, Nov. 2, 1976]

PART 579—IRRADIATION IN THE PRODUCTION, PROCESSING, AND HANDLING OF ANIMAL FEED AND PET FOOD

Subpart A—General Provisions

Sec.

579.12 Incorporation of regulations in part 179.

Subpart B—Radiation and Radiation Sources

579.22 Ionizing radiation for treatment of laboratory animal diets.

579.40 Ionizing radiation for the treatment of poultry feed and poultry feed ingredients.

AUTHORITY: 21 U.S.C. 321, 342, 343, 348, 371.

Subpart A—General Provisions

§ 579.12 Incorporation of regulations in part 179.

Regulations providing for irradiation in the production, processing, and handling of food in part 179 of this chapter are incorporated in subchapter E as applicable to use in the production, processing, handling, and labeling of ani-

21 CFR Ch. I (4–1–98 Edition)

mal feed and pet food, except where specifically provided for in this part.

[51 FR 5993, Feb. 19, 1986]

Subpart B—Radiation and Radiation Sources

§ 579.22 Ionizing radiation for treatment of laboratory animal diets.

Ionizing radiation for treatment of complete diets for laboratory animals (mice, rats, and hamsters) may be safely used under the following conditions:

(a) Energy sources. Ionizing radiation is limited to:

(1) Gamma rays for sealed units of the radionuclides cobalt-60 or cesium-137.

(2) Electrons generated from machine sources at energy levels not to exceed 10 million electron volts.

(b) Uses. The ionizing radiation is used or intended for use in single treatment as follows:

Food for irradiation	Limitations	Use
Bagged complete diets for laboratory animals (mice, rats, hamsters, rabbits, and guinea pigs).	Absorbed dose: Not to exceed 50 kiloGrays (5 megarads) Feeds treated by irradiation should be formulated to account for nutritional loss..	Microbial disinfection.

[51 FR 5993, Feb 19, 1986; 51 FR 8315, Mar. 11, 1986, as amended at 58 FR 18148, Apr. 8, 1993]

§ 579.40 Ionizing radiation for the treatment of poultry feed and poultry feed ingredients.

Ionizing radiation for the treatment of complete poultry diets and poultry feed ingredients may be safely used as follows:

(a) Energy sources. Ionizing radiation is limited to gamma rays from sealed units of cobalt-60.

(b) Limitation. The ionizing radiation is used for feed or feed ingredients that do not contain drugs.

(c) Use. Ionizing radiation is used as a single treatment for rendering complete poultry diets or poultry feed ingredients salmonella negative as follows:

(1) Minimum dose 2.0 kiloGrays (kGy) (0.2 megarad (Mrad)); maximum dose 25