

Handbook Of Feed Additives 2017

Lecithin was first isolated in 1845 by the French chemist and pharmacist Théodore Gobley. In 1850, he named the phosphatidylcholine *lécithine*. Gobley originally isolated lecithin from egg yolk and established the... e1a8677ac8 Lecithins are mixtures of glycerophospholipids including phosphatidylcholine, phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, and phosphatidic acid. e1a8677ac8

Equine nutrition To encourage drinking, owners may add electrolytes to the feed, additives to make the water especially palatable (such as apple juice), or, when Equine nutrition is the feeding of horses, ponies, mules, donkeys, and other equines. environment. Correct and balanced nutrition is a critical component of proper horse care e1a8677ac8

Dough conditioner They are food additives combined with flour to improve baking functionality. Dough conditioners may include enzymes, yeast nutrients, mineral salts, oxidants and reductants, bleaching agents and emulsifiers. Flour treatment agents are used to increase the speed of dough rising and A dough conditioner, flour treatment agent, improving agent or bread improver is any ingredient or chemical added to bread dough to strengthen its texture or otherwise improve it in some way. Flour treatment agents are used to increase the speed of dough rising and to improve the strength and workability of the dough. They are food additives combined with flour to improve baking functionality e1a8677ac8

Cochineal In the EU, authorities list carmine as additive E 120 in the list of EU-approved food additives. A primarily sessile parasite native to tropical and subtropical South America through North America (Mexico and the Southwest United States), this insect lives on cacti in the genus *Opuntia*, feeding on plant moisture and nutrients. of a "significant hazard" to the general population. The cochineal (KOTCH-in-EEL, -eel, US also KOH-chin-; *Dactylopius coccus*) is a scale insect in the suborder Sternorrhyncha, from which the natural dye carmine is derived. The insects are found on the pads of prickly pear cacti, collected by brushing them off the plants, and dried e1a8677ac8

Animal wellbeing is highly dependent on feed that reflects a well balanced nutrition. Some modern agricultural practices, such as fattening cows on grains or in feed lots, have detrimental effects on the environment and animals. For example, increased corn or other grain in... e1a8677ac8

Triacetin Triacetin is the organic compound with the formula $C_3H_5(OCOCH_3)_3$, the triester of glycerol with acetic acid. It is one of the glycerine acetate compounds. It is a colorless, viscous, and odorless liquid with a high boiling point and a low melting point. Bibcode:2016RSCAd. of solid acid catalysts in glycerol acetylation for the production of bio-additives: a review. e. RSC Advances. 6 (73): 68885–68905. It has a mild, sweet taste in concentrations lower than 500 ppm, but may appear bitter at higher concentrations. It is classified as a triglyceride, i

It was patented in 1967 and came into medical use in 1977. The insect produces carminic acid that deters predation by other insects. Carminic acid, typically 17–24% of dried insects' weight, can be extracted from the body and eggs, then mixed with aluminium or calcium salts to make carmine dye, also known as cochineal. Today, carmine is primarily...

Clenbuterol government would launch a one-year crackdown on illegal additives in pig feed, after a subsidiary of Shuanghui Group, China's largest meat producer, was exposed Clenbuterol is a sympathomimetic amine used by sufferers of breathing disorders as a decongestant and bronchodilator. It is most commonly available as the hydrochloride salt, clenbuterol hydrochloride. People with chronic breathing disorders such as asthma use this as a bronchodilator to make breathing easier

Calcium formate Under this E number it is used as an animal feed preservative within EU, but not in foods intended for people. It is also known as E238. Under this E number it is used as an animal feed preservative within EU, but not Calcium formate is the calcium salt of formic acid. It is also known as E238. Calcium formate is the calcium salt of formic acid

Horses are non-ruminant herbivores of a type known as a "hindgut fermenter." Horses have only one stomach, as do humans. However, unlike humans, they also need to digest plant fiber (largely cellulose) that comes from grass or hay. Ruminants like cattle are foregut fermenters, and digest fiber in plant matter by use of a multi-chambered stomach, whereas horses use microbial fermentation in the hindgut to break down the cellulose. Calcium formate is stable at room temperature, is flammable and forms orthorhombic crystals. The mineral form is very rare and called formicaite, and is known from a few boron deposits.

Conradson carbon residue in the combustion chamber of an engine. The phrase "Conradson carbon residue" and its common names can refer to either the test or the numerical value obtained from it. In general, the test is applicable to petroleum products which are relatively non-volatile, and which decompose on distillation at atmospheric pressure. Quantitatively, the test measures the amount of carbonaceous residue remaining after the oil's evaporation and pyrolysis. This is now considered to be of doubtful significance due to the presence of additives in many oils. For gas oil Conradson carbon residue, commonly known as "Concarbon"

or "CCR", is a laboratory test used to provide an indication of the coke-forming tendencies of an oil e1a8677ac8

Lecithin required labelling of food containing additives derived from GMOs, including lecithin. Because it is nearly impossible to detect the origin of derivatives such Lecithin (LESS-ith-in; from the Ancient Greek λέκιθος lékithos "yolk") is a generic term to designate any group of yellow-brownish fatty substances occurring in animal and plant tissues which are amphiphilic - they attract both water and fatty substances (and so are both hydrophilic and lipophilic), and are used for smoothing food textures, emulsifying, homogenizing liquid mixtures, and repelling sticking materials e1a8677ac8

In practical terms, horses prefer to eat small amounts of food steadily throughout the day, as they do in nature when grazing on pasture lands. Although this is not always possible with modern stabling practices... e1a8677ac8

Potassium ferrocyanide It can also be used in animal feed. In the laboratory, potassium Potassium hexacyanidoferrate(II) is the inorganic compound with formula $K_4[Fe(CN)_6] \cdot 3H_2O$. This salt forms lemon-yellow monoclinic crystals. (E 535-538) were, as of 2017, solely authorised in two food categories as salt additives. It is the potassium salt of the coordination complex $[Fe(CN)_6]^{4-}$ e1a8677ac8

Animal feed Used alone, the word feed more often refers to fodder. Animal feed is an important input to animal agriculture, and is frequently the main cost of the raising or keeping of animals. making that is widely used as animal feed. Compound feed is fodder that is blended from various raw materials and additives. There are two basic types: fodder and forage. Farms typically try to reduce cost for this food, by growing their own, grazing animals, or supplementing expensive feeds with substitutes, such as food waste like spent grain from beer brewing. These blends are formulated according Animal feed is food given to domestic animals, especially livestock, in the course of animal husbandry e1a8677ac8

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