II

(Acts whose publication is not obligatory)

COMMISSION

COMMISSION DIRECTIVE
of 12 April 1991
amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs

(91/248/EEC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,

Having regard to Council Directive 70/524/EEC of 23 November 1970 concerning additives in feedingstuffs [1], as last amended by Commission Directive 90/643/EEC [2], and in particular Article 7 thereof,

Whereas Directive 70/524/EEC provides for a consolidated version of the Annexes to be adopted at regular intervals in order to incorporate the amendments made on account of advances in scientific and technical knowledge; whereas a first consolidation was carried out by Directive 85/429/EEC [3];

Whereas, since the adoption of the Directive, the Annexes have again been amended a number of times; whereas, by reason of their number, their complexity and their dispersal among various Official Journals, the texts are difficult to use and thus lack the clarity which should be an essential feature of all legislation; whereas they should therefore be consolidated; whereas on the same occasion the name or chemical description of some additives should be rectified or made more precise and certain material errors should be corrected;

Whereas the measures provided for in this Directive are in accordance with the opinion of the Standing Committee for Feedingstuffs,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annexes I and II to Directive 70/524/EEC are hereby replaced by the Annexes to this Directive.

Article 2

Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith inform the Commission thereof.

When Member States adopt these measures, they shall contain a reference to this Directive or shall be accompanied by such reference on the occasion of their official publication. The methods of making such a reference shall be laid down by the Member States.

Article 3

This Directive is addressed to the Member States.

Done at Brussels, 12 April 1991.

For the Commission
Ray MAC SHARRY
Member of the Commission

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[1] OJ No L 270, 14. 12. 1970, p. 1.
[2] OJ No L 350, 14. 12. 1990, p. 80.
[3] OJ No L 245, 12. 9. 1985, p. 1.

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
	A. Antibiotics						
E 700	Bacitracin zinc	$C_{66}H_{103}O_{16}N_{17}SZn$ (polypeptide containing 12 to 20 % zinc)	Laying hens	—	15	100	—
			Turkeys	4 weeks	5	50	—
				26 weeks	5	20	—
			Other poultry, excluding ducks, geese, pigeons	4 weeks	5	50	—
				16 weeks	5	20	—
			Calves, lambs, kids	16 weeks	5	50	—
				6 months	5	20	—
				6 months	5	80	Milk replacers only
			Piglets	4 months	5	50	—
				3 months	5	80	Milk replacers only
			Pigs	6 months	5	20	—
			Animals bred for fur excluding rabbits	—	5	20	—
E 710	Spiramycin	I $C_{43}H_{74}O_{14}N_2$ II $C_{45}H_{76}O_{15}N_2$ III $C_{46}H_{78}O_{15}N_2$ (makrolide) base	Turkeys	26 weeks	5	20	—
			Other poultry excluding ducks, geese, laying hens, pigeons	16 weeks	5	20	—

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
			Calves, lambs, kids	16 weeks	5	50	—
				6 months	5	20	—
				6 months	5	80	Milk replacers only
			Piglets	4 months	5	50	—
				3 months	5	80	Milk replacers only
			Pigs	6 months	5	20	—
			Animals bred for fur excluding rabbits	—	5	20	—
E 711	Virginiamycin	I $C_{28}H_{35}O_7N_3$ II $C_{43}H_{49}O_{10}N_7$	Turkeys	26 weeks	5	20	—
			Other poultry excluding ducks, geese, laying hens, pigeons	16 weeks	5	20	—
			Piglets	4 months	5	50	—
			Pigs	6 months	5	20	—
			Calves	16 weeks	5	50	—
				6 months	5	20	—
				6 months	5	80	Milk replacers only
			Laying hens	—	20	20	—
			Cattle for fattening	—	15	40	Indicate in the instructions for use: 'The quantity of virginiamycin in the daily ration must not exceed 140 mg for 100 kg of bodyweight and 6 mg for each additional 10 kg of bodyweight'

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 712	Flavophospholipol	$C_{70}H_{124}O_{40}N_6P$	Laying hens	—	2	5	—
			Turkeys	26 weeks	1	20	—
			Other poultry excluding ducks, geese, pigeons	16 weeks	1	20	—
			Piglets	3 months	10	25	Milk replacers only
			Pigs	6 months	1	20	—
			Animals bred for fur excluding rabbits	—	2	4	—
			Calves	6 months	6	16	—
				6 months	8	16	Milk replacers only
			Cattle for fattening	—	2	10	Indicate in the instructions for use: 'The quantity of flavophospholipol in the daily ration must not exceed 40 mg for 100 kg of bodyweight and 1,5 mg for each additional 10 kg of bodyweight'
			Rabbits	—	2	4	—
E 713	Tylosin phosphate	Macrolide, product of *Streptomyces frodiae*	Piglets	4 months	10	40	—
		Composition of antibiotic factors (1): (a) Tylosin $C_{46}H_{77}NO_{17}$: min. 80 % (b) Desmycosin $C_{39}H_{65}NO_{14}$	Pigs	6 months	5	20	—

(1) According to the method of analysis of the British Pharmacopeia (Veterinary 1985)

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
		(c) Macrocin $C_{45}H_{75}NO_{17}$ (d) Relomycin $C_{46}H_{79}NO_{17}$ (a)+(b)+(c)+(d): min. 95 %					
E 714	Monensin-Sodium	$C_{36}H_{61}O_{11}Na$ (sodium salt of polyether monocarboxylic acid produced by Streptomyces cinnamonensis)	Cattle for fattening	—	10	40	Indicate in the instructions for use: 'The quantity of monensin sodium in the daily ration must not exceed 140 mg for 100 kg of bodyweight and 6 mg for each additional 10 kg of bodyweight. Dangerous for equines'
E 715	Avoparcin	$C_{53}H_6O_{30}N_6Cl_3$ (glycopeptide)	Chickens for fattening	—	7,5	15	—
			Turkeys for fattening	16 weeks	10	20	—
			Piglets	4 months	10	40	—
			Pigs	6 months	5	20	—
			Calves	6 months	15	40	—
			Cattle for fattening	—	15	30	Indicate in the instructions for use: 'The quantity of avoparcin in the daily ration must not exceed 103 mg for 100 kg of bodyweight and 4,3 mg for each additional 10 kg of bodyweight'

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
	B. Antioxidants						
E 300	L-Ascorbic acid	$C_6H_8O_6$	All species or categories of animals	—	—	—	All feedingstuffs
E 301	Sodium L-ascorbate	$C_6H_7O_6Na$		—	—	—	
E 302	Calcium L-ascorbate	$C_{12}H_{14}O_{12}Ca \cdot 2H_2O$		—	—	—	
E 303	5,6-Diacetyl-L-ascorbic acid	$C_{10}H_{12}O_8$		—	—	—	
E 304	6-Palmityl-L-ascorbic acid	$C_{22}H_{38}O_7$		—	—	—	
E 306	Tocopherol-rich extracts of natural origin	—		—	—	—	
E 307	Synthetic alpha-tocopherol	$C_{29}H_{50}O_2$		—	—	—	
E 308	Synthetic gamma-tocopherol	$C_{28}H_{48}O_2$		—	—	—	
E 309	Synthetic delta-tocopherol	$C_{27}H_{46}O_2$		—	—	—	
E 310	Propyl gallate	$C_{10}H_{12}O_5$		—	—	100: alone or together	
E 311	Octyl gallate	$C_{15}H_{22}O_5$		—	—		
E 312	Dodecyl gallate	$C_{19}H_{30}O_5$		—	—		

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 320	Butylated hydroxyanisole (BHA)	$C_{11}H_{16}O_2$	All species or categories of animals	—	—	150: alone or together	All feedingstuffs
E 321	Butylated hydroxytoluene (BHT)	$C_{15}H_{24}O$		—	—		
E 324	Ethoxyquin	$C_{14}H_{19}ON$		—	—		

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
	C. **Aromatic and appetizing substances**						
	1. *All natural products and corresponding synthetic products*	—	All species or categories of animals	—	—	—	—
	2. *Artificial substances:*						
E 954(i)	Saccharin	$C_7H_5NO_3S$	Piglets	4 months	—	150	—
E 954(ii)	Calcium saccharin	$C_7H_3NCaO_3S$	Piglets	4 months	—	150	—
E 954(iii)	Sodium saccharin	$C_7H_4NNaO_3S$	Piglets	4 months	—	150	—

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
	D. Coccidiostats and other medicinal substances						
E 750	Amprolium	1-[(4-amino-2-propylpyrimidin-5-yl) methyl]-2-methylpyridinium chloride hydrochloride	Poultry	—	62,5	125	Use prohibited from laying age onwards and at least 3 days before slaughter respectively
E 751	Amprolium/ethopabate (mixture of 25 parts of (a) amprolium and 1,6 parts of (b) ethopabate)	(a) 1-[4-amino-2-propylpyrimidin-5-yl) methyl]-2-methylpyridinium chloride hydrochloride (b) methyl 4-acetamido-2-ethoxybenzoate	Chickens, turkeys and guinea-fowl	—	66,5	133	Use prohibited from laying age onwards and at least 3 days before slaughter respectively
E 752	Dinitolmide (DOT)	3,5-dinitro-2-toluamide	Poultry	—	62,5	125	Use prohibited from laying age onwards and at least 3 days before slaughter respectively
E 754	Dimetridazole	1,2-dimethyl-5-nitroimidazole	Turkeys	—	100	200	Use prohibited from laying age onwards and at least 6 days before slaughter respectively
			Guinea-fowl	—	125	150	Use prohibited from laying age onwards and at least 6 days before slaughter respectively
E 755	Meticlorpindol	3,5-dichloro-2,6-dimethylpyridin-4-ol	Chickens for fattening, guinea-fowl	—	125	125	Use prohibited from laying age onwards and at least 5 days before slaughter respectively
			Rabbits	—	125	200	Use prohibited at least 5 days before slaughter

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 756	Decoquinate	3-ethoxycarbonyl-4-hydroxy-6-decyloxy-7-ethoxyquinoline	Chickens for fattening	—	20	40	Use prohibited at least 3 days before slaughter
E 757	Monensin sodium	$C_{36}H_{61}O_{11}Na$ (sodium salt of polyether monocarboxylic acid produced by Streptomyces cinnamonensis)	Chickens for fattening	—	100	125	Use prohibited at least 3 days before slaughter. Indicate in the instructions for use: 'Dangerous for equines'
			Chickens reared for laying	16 weeks	100	120	Indicate in the instructions for use: 'Dangerous for equines'
			Turkeys	16 weeks	90	100	Use prohibited at least 3 days before slaughter Indicate in the instructions for use: 'Dangerous for equines'
E 758	Robenidine	1,3-bis[(4-chlorobenzylidene)-amino] guanidine hydrochloride	Chickens for fattening, turkeys	—	30	36	Use prohibited at least 5 days before slaughter
			Rabbits for fattening	—	50	66	Use prohibited at least 5 days before slaughter
E 759	Ronidazole	(1-methyl-5-nitroimidazol-2-yl)methylcarbamate	Turkeys	—	60	90	Use prohibited from laying age onwards and at least 6 days before slaughter respectively

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 760	Ipronidazole	1-methyl-2-isopropyl-5-nitroimidazole	Turkeys	—	50	85	Use prohibited from laying age onwards and at least 6 days before slaughter respectively
E 761	Meticlorpindol/methylbenzoquate (mixture of 100 parts of (a) meticlorpindol and 8,35 parts of (b) methylbenzoquate)	(a) 3,5-dichloro-2,6-dimethylpyridin-4-ol	Chickens for fattening	—	110	110	Use prohibited at least 5 days before slaughter
		(b) 7-benzyloxy-6-butyl-3-methoxycarbonyl-4-quinolone	Chickens reared for laying	16 weeks	110	110	—
			Turkeys	12 weeks	110	110	Use prohibited at least 5 days before slaughter
E 762	Arprinocid	9-(2-chloro-6-fluorobenzyl) adenine	Chickens for fattening	—	60	60	Use prohibited at least 5 days before slaughter
			Chickens reared for laying	16 weeks	60	60	—
E 763	Lasalocid sodium	$C_{34}H_{53}O_8Na$ (sodium salt of polyether monocarboxylic acid produced by Streptomyces lasaliensis)	Chickens for fattening	—	75	125	Use prohibited at least 5 days before slaughter
			Chickens reared for laying	16 weeks	75	125	—
E 764	Halofuginone	dl-trans-7-bromo-6-chloro-3-[3-(3-hydroxy-2-piperidyl)acetonyl]-quinazolin-4-(3H)-one hydrobromide	Chickens for fattening	—	2	3	Use prohibited at least 5 days before slaughter
			Turkeys	12 weeks	2	3	Use prohibited at least 5 days before slaughter
E 765	Narasin	$C_{43}H_{72}O_{11}$ (polyether of monocarboxylic acid produced by Streptomyces aureofaciens)	Chickens for fattening	—	60	70	Use prohibited at least 5 days before slaughter Indicate in the instructions for use: 'Dangerous for equines'

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 766	Salinomycin sodium	$C_{42}H_{69}O_{11}Na$ (sodium salt of polyether of monocarboxylic acid produced by Streptomyces albus)	Chickens for fattening	—	50	70	Use prohibited at least 5 days before slaughter Indicate in the instructions for use: 'Dangerous for equines'
E 768	Nicarbazin	Equimolecular complex of 1,3-bis (4-nitrophenyl) urea and 4,6-di methyl pyrimidin-2-ol	Chickens for fattening	4 weeks	100	125	Use prohibited at least 9 days before slaughter
E 769	Nifursol	3,5-dinitro-N[1]-(5-nitrofurfurylidene) salicylohydrazide Minimum purity: 98 % on an anhydrous basis. Particular features of the three authorized preparations: — maximum nifursol content: 14,6 %, 44 % or 50 % — minimum stability: 24 months — carrier for the three preparations: maize starch and, respectively, 12 %, 33 % or 34 % of soya bean oil	Turkeys	—	50	75	Use prohibited at least 5 days before slaughter Maximum amount of dust emitted during handling, as determined by the Stauber Heubach method (1): 0,1 µg nifursol

(1) Reference: Fresenius Z. Anal. Chem. (1984) 318: 522-4, Springer Verlag, 1984.

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
	E. Emulsifiers, stabilizers, thickeners and gelling agents						
E 322	Lecithins	—	All species or categories of animals	—	—	—	All feedingstuffs
E 400	Alginic acid	—		—	—	—	
E 401	Sodium alginate	—		—	—	—	
E 402	Potassium alginate	—		—	—	—	
E 403	Ammonium alginate	—	All species or categories of animals with the exception of aquarium fish	—	—	—	
E 404	Calcium alginate	—	All species or categories of animals	—	—	—	
E 405	Propane-1,2-diol alginate (Propyl-eneglycol alginate)	—		—	—	—	
E 406	Agar	—		—	—	—	
E 407	Carrageenan	—		—	—	—	
E 408	Furcelleran	—		—	—	—	
E 410	Locust bean gum (Carob gum)	—		—	—	—	
E 411	Tamarind seed flour	—		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 412	Guar gum	—	All species or categories of animals	—	—	—	All feedingstuffs
E 413	Tragacanth	—		—	—	—	
E 414	Acacia (Gum arabic)	—		—	—	—	
E 415	Xanthan gum	—		—	—	—	
E 420	Sorbitol	—		—	—	—	
E 421	Mannitol	—		—	—	—	
E 422	Glycerol	—		—	—	—	
E 432	Polyoxyethylene(20)-sorbitan monolaurate	—		—	—	5 000 (alone or with the other polysorbates)	Milk replacers only
E 433	Polyoxyethylene(20)-sorbitan Monooleate	—		—	—		
E 434	Polyoxyethylene(20)-sorbitan monopalmitate	—		—	—		
E 435	Polyoxyethylene(20)-sorbitan monostearate	—		—	—		
E 436	Polyoxyethylene(20)-sorbitan tristearate	—		—	—		

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 440	Pectins	—	All species or categories of animals	—	—	—	All feedingstuffs
E 450 b(i)	Pentasodium triphosphate	—	Dogs, cats	—	—	5 000	
E 460	Microcrystalline cellulose	—	All species or categories of animals	—	—	—	
E 461	Methylcellulose	—		—	—	—	
E 462	Ethylcellulose	—		—	—	—	
E 463	Hydroxypropylcellulose	—		—	—	—	
E 464	Hydroxypropylmethylcellulose	—		—	—	—	
E 465	Ethylmethylcellulose	—		—	—	—	
E 466	Carboxymethylcellulose (sodium salt of carboxymethyl ether of cellulose)	—		—	—	—	
E 470	Sodium, potassium and calcium salts of edible fatty acids, alone or in mixtures, derived either from edible fats or from distilled edible fatty acids	—		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 471	Mono- and diglycerides of fatty acids	—	All species or categories of animals	—	—	—	All feedingstuffs
E 472	Mono- and diglycerides of edible fatty acids esterified with the following acids:						
	(a) acetic	—		—	—	—	
	(b) lactic	—		—	—	—	
	(c) citric	—		—	—	—	
	(d) tartaric	—		—	—	—	
	(e) mono- and diacetyltartaric	—		—	—	—	
E 473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids)	—		—	—	—	
E 474	Sucroglycerides (mixture of esters of saccharose and mono- and diglycerides of edible fatty acids)	—		—	—	—	
E 475	Polyglycerol esters of non-polymerized edible fatty acids	—		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 477	Mono-esters of propane-1,2-diol (propyleneglycol) and edible fatty acids, alone or in mixtures with diesters	—	All species or categories of animals	—	—	—	All feedingstuffs
E 480	Stearoyl-2-lactylic acid	—		—	—	—	
E 481	Sodium stearoyl-2-lactylate	—		—	—	—	
E 482	Calcium stearoyl-2-lactylate	—		—	—	—	
E 483	Stearyl tartrate	—		—	—	—	
E 484	Glyceryl polyethyleneglycol ricinoleate	—		—	—	—	
E 486	Dextrans	—		—	—	—	
E 487	Polyethyleneglycol ester of fatty acids from soya oil	—	Calves	—	—	6 000	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 488	Polyoxyethylated glyceride of tallow fatty acids	—	Calves	—	—	5 000	Milk replacers only
E 489	Ether of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids	—	Calves	—	—	5 000	Milk replacers only
E 490	Propane-1,2-diol	—	Dairy cows	—	—	12 000	All feedingstuffs
			Cattle for fattening, calves, lambs, kids, pigs, poultry	—	—	36 000	All feedingstuffs
E 491	Sorbitan monostearate	—	All species or categories of animals	—	—	—	All feedingstuffs
E 492	Sorbitan tristearate	—	All species or categories of animals	—	—	—	All feedingstuffs
E 493	Sorbitan monolaurate	—	All species or categories of animals	—	—	—	All feedingstuffs
E 494	Sorbitan monooleate	—	All species or categories of animals	—	—	—	All feedingstuffs
E 495	Sorbitan monopalmitate	—	All species or categories of animals	—	—	—	All feedingstuffs
E 496	Polyethyleneglycol 6000	—	All species or categories of animals	—	—	300	All feedingstuffs
E 497	Polyoxypropylene-polyoxyethylene polymers (M. W. 6800-9000)	—	All species or categories of animals	—	—	50	All feedingstuffs
E 498	Partial polyglycerol esters of polycondensed fatty acids of castor oil	—	Dogs	—	—	—	All feedingstuffs

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
	F. Colouring matters including pigments						
	1. *Carotenoids and xanthophylls:*						
E 160c	Capsanthin	$C_{40}H_{56}O_3$	Poultry	—	—	80 (alone or with the other carotenoids and xanthophylls)	—
E 160e	Beta-apo-8′-carotenal	$C_{30}H_{40}O$		—	—		—
E 160f	Ethyl ester of beta-apo-8′-carotenoic acid	$C_{32}H_{44}O_2$		—	—		—
E 161b	Lutein	$C_{40}H_{56}O_2$		—	—		—
E 161c	Cryptoxanthin	$C_{40}H_{56}O$		—	—		—
E 161e	Violaxanthin	$C_{40}H_{56}O_4$		—	—		—
E 161g	Canthaxanthin	$C_{40}H_{52}O_2$	(a) Poultry	—	—		—
			(b) Dogs, cats	—	—		—
			(c) Salmon, trout	—	—	80	Use permitted from the age of 6 months onwards. The mixture of canthaxanthin with astaxanthin is allowed provided that the total concentration of the mixture does not exceed 100 mg/kg in the complete feedingstuff.

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 161h	1. Zeaxanthin	$C_{40}H_{56}O_2$	Poultry	—	—	80 (alone or with the other carotenoids and xanthophylls)	—
E 161i	Citranaxanthin	$C_{33}H_{44}O$	Laying hens	—	—		—
E 161j	Astaxanthin	$C_{40}H_{52}O_4$	Salmon, trout	—	—	100	Use only permitted from the age of 6 months onwards. The mixture of astaxanthin with canthaxanthin is allowed provided that the total concentration of the mixture does not exceed 100 mg/kg in the complete feedingstuff.
E 131	2.1. Patent Blue V	Calcium salt of the disulphonic acid of m-hydroxy-tetra-ethyldiamino triphenylcarbinol anhydride	(a) All species or categories of animals with the exception of dogs and cats	—	—	—	Permitted in animal feedingstuffs only in products processed from: (i) waste products of foodstuffs, (ii) denatured cereals or manioc flour, or (iii) other base substances denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture
			b) Dogs, cats	—	—	—	—

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 142	2.2. Acid Brilliant Green BS, (Lissamine Green)	Sodium salt of 4,4′- bis (dimethylamino) diphenylmethylene-2-naphtol-3,6-disulphonic acid	(a) All species or categories of animals with the exception of dogs and cats	—	—	—	Permitted in animal feedingstuffs only in products processed from: (i) waste products of foodstuffs, (ii) denatured cereals or manioc flour, or (iii) other base substances denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture
			(b) Dogs, cats	—	—	—	—
	3. All colouring agents authorized for colouring foodstuffs by Community rules, other than those already covered by 2.1 and 2.2	—	(a) All species or categories of animals with the exception of dogs and cats	—	—	—	Permitted in animal feedingstuffs only in products processed from: (i) waste products of foodstuffs, or (ii) other base substances, with the exception of cereals and manioc flour, denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture
			(b) Dogs, cats	—	—	—	—

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
	G. **Preservatives**						
E 200	Sorbic acid	$C_6H_8O_2$	All species or categories of animals	—	—	—	All feedingstuffs
E 201	Sodium sorbate	$C_6H_7O_2Na$		—	—	—	
E 202	Potassium sorbate	$C_6H_7O_2K$		—	—	—	
E 203	Calcium sorbate	$C_{12}H_{14}O_4Ca$		—	—	—	
E 214	Ethyl 4-hydroxybenzoate	$C_9H_{10}O_3$	Pets	—	—	—	
E 215	Sodium ethyl 4-hydroxy-benzoate	$C_9H_9O_3Na$		—	—	—	
E 216	Propyl 4-hydroxybenzoate	$C_{10}H_{12}O_3$		—	—	—	
E 217	Sodium propyl 4-hydroxy-benzoate	$C_{10}H_{11}O_3Na$		—	—	—	
E 218	Methyl 4-hydroxyben-zoate	$C_8H_8O_3$		—	—	—	
E 219	Sodium methyl 4-hy-droxy-benzoate	$C_8H_7O_3Na$		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 222	Sodium bisulphite	$NaHSO_3$	Dogs, cats	—	—	separately or together: 500 expressed as SO_2	All feedingstuffs except unprocessed meat and fish
E 223	Sodium metabisulphite	$Na_2S_2O_5$		—	—		
E 236	Formic acid	CH_2O_2	All species or categories of animals	—	—	—	All feedingstuffs
E 237	Sodium formate	CHO_2Na		—	—	—	
E 238	Calcium formate	$C_2H_2O_4Ca$		—	—	—	
E 240	Formaldehyde	CH_2O	Pigs	6 months	—	—	Skimmed milk only: maximum content: 600 mg/kg
			All species or categories of animals				
E 250	Sodium nitrate	$NaNO_2$	Dogs, cats	—	—	100	Canned feedingstuffs only
E 260	Acetic acid	$C_2H_4O_2$	All species or categories of animals	—	—	—	All feedingstuffs
E 261	Potassium acetate	$C_2H_3O_2K$		—	—	—	
E 262	Sodium diacetate	$C_4H_7O_4Na$		—	—	—	
E 263	Calcium acetate	$C_4H_6O_4Ca$		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 270	Lactic acid	$C_3H_6O_3$	All species or categories of animals	—	—	—	All feedingstuffs
E 280	Propionic acid	$C_3H_6O_2$		—	—	—	
E 281	Sodium propionate	$C_3H_5O_2Na$		—	—	—	
E 282	Calcium propionate	$C_6H_{10}O_4Ca$		—	—	—	
E 283	Potassium propionate	$C_3H_5O_2K$		—	—	—	
E 284	Ammonium propionate	$C_3H_9O_2N$		—	—	—	
E 295	Ammonium formate	CH_5O_2N		—	—	—	
E 296	DL-Malic acid	$C_4H_6O_5$		—	—	—	
E 297	Fumaric acid	$C_4H_4O_4$		—	—	—	
E 325	Sodium lactate	$C_3H_5O_3Na$		—	—	—	
E 326	Potassium lactate	$C_3H_5O_3K$		—	—	—	
E 327	Calcium lactate	$C_6H_{10}O_6Ca$		—	—	—	
E 330	Citric acid	$C_6H_8O_7$		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
E 331	Sodium citrates	—	All species or categories of animals	—	—	—	All feedingstuffs
E 332	Potassium citrates	—		—	—	—	
E 333	Calcium citrates	—		—	—	—	
E 334	L-Tartaric acid	$C_4H_6O_6$		—	—	—	
E 335	Sodium L-tartrates	—		—	—	—	
E 336	Potassium L-tartrates	—		—	—	—	
E 337	Potasium sodium L-tartrate	$C_4H_4O_6KNa.4H_2O$		—	—	—	
E 338	Orthophosphoric acid	H_3PO_4		—	—	—	
E 490	Propane-1,2-diol	$C_3H_8O_2$	Dogs	—	—	53 000	
			Cats	—	—	75 000	
E 507	Hydrochloric acid	HCl	All species or categories of animals	—	—	—	For silage only
E 513	Sulphuric acid	H_2SO_4		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Maximum content iu/kg of complete feedingstuff or of the daily ration	Other provisions	
	H. Vitamins, provitamins and chemically well defined substances having a similar effect						
E 672	1. Vitamin A	—	Chickens for fattening	—	20 000		All feedingstuffs
			Other species or categories of animals	—	—		
	2. *Vitamin D:*						
E 670	Vitamin D_2	—	Pigs	—	2 000	—	Simultaneous use of vitamin D_3 prohibited
			Piglets	—	10 000	Milk replacers only	
			Bovines	—	4 000	—	
			Ovines	—	4 000	—	
			Calves	—	10 000	Milk replacers only	
			Equines	—	4 000	—	
			Other species or categories of animals with the exception of poultry	—	2 000	—	
E 671	Vitamin D_3	—	Pigs	—	2 000	—	Simultaneous use of vitamin D_2 prohibited
			Piglets	—	10 000	Milk replacers only	
			Bovines	—	4 000	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Maximum content iu/kg of complete feedingstuff or of the daily ration	Other provisions	
			Ovines	—	4 000	—	Simultaneous use of vitamin D_2 prohibited
			Calves	—	10 000	Milk replacers only	
			Equines	—	4 000	—	
			Chickens for fattening	—	5 000	—	
			Turkeys	—	5 000	—	
			Other poultry	—	3 000	—	
			Other species or categories of animals	—	2 000	—	
	3. All substances in the group except vitamins A and D	—	All species or categories of animals	—	—	All feedingstuffs	

EEC No	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of the complete feedingstuff	Other provisions
	I. Trace elements				
E 1	Iron — Fe				
		Ferrous carbonate	$FeCO_3$	1 250 (total)	—
		Ferrous chloride, tetrahydrate	$FeCl_2 \cdot 4H_2O$		—
		Ferric chloride, hexahydrate	$FeCl_3 \cdot 6H_2O$		—
		Ferrous citrate, hexahydrate	$Fe_3(C_6H_5O_7)_2 \cdot 6H_2O$		—
		Ferrous fumarate	$FeC_4H_2O_4$		—
		Ferrous lactate, trihydrate	$Fe(C_3H_5O_3)_2 \cdot 3H_2O$		—
		Ferric oxide	Fe_2O_3		—
		Ferrous sulphate, monohydrate	$FeSO_4H_2O$		Permitted only for denaturing: — in skimmed milk powder and — in compound feedingstuffs manufactured from denatured skimmed milk powder Subject to the relevant provisions of Commission Regulations (EEC) No 368/77 and (EEC) No 443/77; declaration of the amount of iron added, expressed as the element, on the label or package or container of denatured skimmed milk powder.
		Ferrous sulphate, heptahydrate	$FeSO_4 \cdot 7H_2O$		Permitted: (i) in denatured skimmed milk and in compound feedingstuffs manufactured from denatured skimmed milk powder — subject to the mandatory provisions of Commission Regulations (EEC) No 368/77 and (EEC) No 443/77

EEC No	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of the complete feedingstuff	Other provisions
					— declaration of the amount of iron added, expressed as the element, on the label or package or container of denatured skimmed milk powder (ii) in compound feedingstuffs other than those listed under (i).
E 2	Iodine — I				
		Calcium iodate, hexahydrate	$Ca(IO_3)_2 \cdot 6H_2O$	40 (total)	—
		Calcium iodate, anhydrous	$Ca(IO_3)_2$		—
		Sodium iodide	NaI		—
		Potassium iodide	KI		—
E 3	Cobalt — Co				
		Cobaltous acetate, tetrahydrate	$Co(CH_3COO)_2 \cdot 4H_2O$	10 (total)	—
		Basic cobaltous carbonate, monohydrate	$2CoCO_3 \cdot 3Co(OH)_2 \cdot H_2O$		—
		Cobaltous chloride, hexahydrate	$CoCl_2 \cdot 6H_2O$		—
		Cobaltous sulphate, heptahydrate	$CoSO_4 \cdot 7H_2O$		—
		Cobaltous sulphate, monohydrate	$CoSO_4 \cdot H_2O$		—
		Cobaltous nitrate, hexahydrate	$Co(NO_3)_2 \cdot 6H_2O$		—

EEC No	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of the complete feedingstuff	Other provisions
E 4	Copper — Cu	Cupric acetate, monohydrate	$Cu(CH_3COO)_2 \cdot H_2O$	Pigs for fattening:	—
		Basic cupric carbonate, monohydrate	$CuCO_3 \cdot Cu(OH)_2 \cdot H_2O$	— in Member States where the mean density of the porcine population is equal to or higher than 175 pigs per 100 ha of utilizable agricultural land:	—
		Cupric chloride, dihydrate	$CuCl_2 \cdot 2H_2O$		—
		Cupric methionate	$Cu(C_5H_{10}NO_2S)_2$		—
		Cupric oxide	CuO	— up to 16 weeks: 175 (total)	—
		Cupric sulphate, pentahydrate	$CuSO_4 \cdot 5H_2O$	— from 17th week up to slaughter: 35 (total)	—
				— In Member States where the mean density of the porcine population is lower than 175 pigs per 100 ha of utilizable agricultural land:	
				— up to 16 weeks: 175 (total)	
				— from 17th week up to six months: 100 (total)	
				— over six months up to slaughter: 35 (total)	
				Breeding pigs: 35 (total)	
				Calves:	
				— milk replacers: 30 (total)	
				— other complete feedingstuffs: 50 (total)	
				Ovines: 15 (total)	

EEC No	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of the complete feedingstuff	Other provisions
				Other species or categories of animals: 35 (total)	
		Cupric sulphate , monohydrate Cupric sulphate, pentahydrate	$CuSO_4 \cdot H_2O$ $CuSO_4 \cdot 5H_2O$	Pigs for fattening: — In Member States where the mean density of the porcine population is equal to or higher than 175 pigs per 100 ha of utilizable agricultural land: — up to 16 weeks: 175 (total) — from 17th week up to slaughter: 35 (total) — In Member States where the mean density of the porcine population is lower than 175 pigs per 100 ha of utilizable agricultural land: — up to 16 weeks: 175 (total) — from 17th week up to six months: 100 (total) — over six months up to slaughter: 35 (total) Breeding pigs: 35 (total) Ovines: 15 (total) Other species or categories of animals with the exception of calves: 35 (total)	Denatured skimmed milk powder and compound feedingstuffs manufactured from denatured skimmed milk powder: — Subject to the relevant provisions of Commission Regulations (EEC) No 368/77 and (EEC) No 443/77 — Declaration of the amount of copper added, expressed as the element on the label or package or the container of denatured skimmed milk powder

EEC No	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of the complete feedingstuff	Other provisions
E 5	Manganese — Mn			250 (total)	
		Manganous carbonate	$MnCO_3$		—
		Manganous chloride, tetrahydrate	$MnCl_2 \cdot 4H_2O$		—
		Manganous hydrogen phosphate, trihydrate	$MnHPO_4 \cdot 3H_2O$		—
		Manganous oxide	MnO		—
		Manganic oxide	Mn_2O_3		—
		Manganous sulphate, tetrahydrate	$MnSO_4 \cdot 4H_2O$		—
		Manganous sulphate, monohydrate	$MnSO_4 \cdot H_2O$		—
E 6	Zinc — Zn			250 (total)	
		Zinc lactate, trihydrate	$Zn(C_3H_5O_3)_2 \cdot 3H_2O$		—
		Zinc acetate, dihydrate	$Zn(CH_3 \cdot COO)_2 \cdot 2H_2O$		—
		Zinc carbonate	$ZnCO_3$		—
		Zinc chloride, monohydrate	$ZnCl_2 \cdot H_2O$		—
		Zinc oxide	ZnO		—
		Zinc sulphate, heptahydrate	$ZnSO_4 \cdot 7H_2O$		—
		Zinc sulphate, monohydrate	$ZnSO_4 \cdot H_2O$		—
E 7	Molybdenum — Mo			2,5 (total)	
		Ammonium molybdate	$(NH_4)_6Mo_7O_{24} \cdot 4H_2O$		—
		Sodium molybdate	$Na_2MoO_4 \cdot 2H_2O$		—

EEC No	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of the complete feedingstuff	Other provisions
E 8	Selenium — Se			0,5 (total)	
		Sodium selenite	Na_2SeO_3		—
		Sodium selenate	Na_2SeO_4		—

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
	J. Growth promoters						
E 850	Carbadox	Methyl 3-(2-quinoxalinylmethylene)carbazate N^1, N^4-dioxide Minimum purity: 96 % Characteristics of the authorized preparations: — carbadox content: 5 or 10 % — minimum stability: 24 months — propionic acid: 0,5 % — soya bean oil: 7 % — soya bean mill run: up to 100 %	Piglets	4 months	20	50	Use prohibited at least 4 weeks before slaughter Maximum amount of dust emitted during handlings as determined by the Stauber Heubach method (1): 0,1 µg carbadox Indication on the label of the additives, premixtures and feedingstuffs of safety instructions and warnings designed to protect the health of operatives and in particular to avoid any exposure to the additive, especially by touch or inhalation
E 851	Olaquindox	2-[N-2′-(hydroxyethyl)carbamoyl-3-methylquinoxaline-N^1, N^4-dioxide Minimum purity: 98 % Characteristics of the authorized preparation: — olaquindox content: 10 % — minimum stability: 24 months — medium: calcium carbonate containing 1,5 % of glyceryl polyethyleneglycol ricinoleate	Piglets	4 months 4 months	15 50 (2)	50 100 (2)	Use prohibited at least 4 weeks before slaughter Maximum amount of dust emitted during handling as determined by the Stauber Heubach method (1): 0,1 µg olaquindox Indication on the label of the additives, premixtures and feedingstuffs of safety instructions and warnings designed to protect the health of operatives and in particular to avoid any exposure to the additive, especially by touch or inhalation

(1) Reference: Fresenius Z. Anal. Chem. (1984) 318: 522-4, Springer Verlag 1984.
(2) Milk replacers only.

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
	L. Binders, anti-caking agents and coagulants						
E 330	Citric acid	$C_6H_8O_7$	All species or categories of animals	—	—	—	All feedingstuffs. Compliance with the provisions of Article 16 (1) (g)
E 470	Sodium, potassium and calcium stearates	$C_{18}H_{35}O_2Na$, $C_{18}H_{35}O_2K$ and $C_{36}H_{70}O_4Ca$		—	—	—	All feedingstuffs
E 516	Calcium sulphate, dihydrate	$CaSO_4 \cdot 2H_2O$			—	30 000	
E 551a	Silicic acid, precipitated and dried	—		—	—	—	
E 551b	Colloidal silica	—		—	—	—	
E 551c	Kieselgur (diatamaceous earth, purified)	—		—	—	—	
E 552	Calcium silicate, synthetic	—		—	—	—	
E 553	Sepiolite	Hydrated magnesium silicate of sedimentary origin, containing at least 60 % sepiolite and a maximum of 30 % montmorillonite. Asbestos free		—	20 000		
E 554	Sodium aluminosilicate, synthetic	—		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 558	Bentonite/ montmorillonite	—	All species or categories of animals	—	—	20 000	All feedingstuffs. Mixing with additives from the groups of 'antibiotics', 'growth promoters', 'coccidiostats and other medicinal substances' is prohibited except in the case of: tylosin phosphate, monensin sodium, narasin, ipronidazole, lasalocid sodium, avoparcin, flavophospholipol, salinamycin sodium, ronidazole, virginiamycin, nicarbazin and robenidine Indication on the label of the specific name of the additive.
E 559	Kaolinitic clays, free of asbestos	Naturally occuring mixtures of minerals containing at least 65 % complex hydrated aluminium silicates whose main constituent is kaolinite		—	—	—	All feedingstuffs
E 560	Natural mixtures of steatite and chlorite	Natural mixtures of steatite and chlorite, free of asbestos: minimum purity of the mixture: 85 %		—	—	—	
E 561	Vermiculite	Natural silicate of magnesium, aluminium and iron, expanded by heating, free of asbestos Maximum fluorine content: 0,3 %		—	—	—	
E 565	Lignosulphonates	—		—	—	—	
E 599	Perlite	Natural silicate of sodium and aluminium, expanded by heating, free of asbestos		—	—	—	

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
	M. Acidity regulators						
E 170	Calcium carbonate		Dogs, cats	—	—	—	—
296	DL- and L-Malic acid						
—	Ammonium dihydrogen orthophosphate						
—	di Ammonium hydrogen orthophosphate						
E 339(i)	Sodium dihydrogen orthophosphate						
E 339(ii)	di Sodium hydrogen orthophosphate						
E 339(iii)	tri Sodium orthophosphate						
E 340(i)	Potassium dihydrogen orthophosphate						
E 340(ii)	di Potassium hydrogen orthophosphate						
E 340(iii)	tri Potassium orthophosphate						

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions
					mg/kg of complete feedingstuff		
E 341(i)	Calcium tetrahydrogen diorthophosphate		Dogs, cats	—	—	—	—
E 341(ii)	Calcium hydrogen orthophosphate						
E 350(i)	Sodium malate (salt of DL- or L-Malic acid)						
E 450a(i)	di Sodium dihydrogen diphosphate						
E 450a(iii)	tetra Sodium diphosphate						
E 450a(iv)	tetra Potassium diphosphate						
E 450b(i)	penta Sodium triphosphate						
E 450b(ii)	penta Potassium triphosphate						
E 500(i)	Sodium carbonate						
500(ii)	Sodium hydrogen carbonate						
500(iii)	Sodium sesquicarbonate						
501(ii)	Potassium hydrogen carbonate						

EEC No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions
503(i)	Ammonium carbonate		Dogs, cats	—	—	—	—
503(ii)	Ammonium hydrogen carbonate						
507	Hydrochloric acid						
510	Ammonium chloride						
513	Sulphuric acid						
524	Sodium hydroxide						
529	Calcium oxide						
540	di Calcium diphosphate						

ANNEX II

No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions	Period of authorization
	A. **Antibiotics**							
22	Avoparcin	$C_{53}H_6O_{30}N_6Cl_3$ (Glycopeptide)	Lambs from the beginning of rumination with the exception of pasture-grazed lambs	16 weeks	10	20	—	30. 11. 1991
			Dairy cattle	—	4	10	Indicate in the instructions for use: 'The quantity of avoparcin in the daily ration must not exceed 100 mg and, for reasons of efficacy, must not be less than 50 mg'	30. 11. 1991
27	Salinomycin sodium	$C_{42}H_{69}O_{11}Na$ (Sodium salt of a polyether monocarboxylic acid produced by *Streptomyces albus*)	Piglets	4 months	30	60	Indicate in the instructions for use: 'Dangerous for equines'	30. 11. 1991
			Pigs	6 months	15	30		30. 11. 1991
28	Avilamycin	$C_{57\text{-}62}H_{82\text{-}90}Cl_{1\text{-}2}O_{31\text{-}32}$ (Mixtures of oligosaccharides of the orthosomycin group produced by *Streptomyces viridochromogenes*)	Piglets	4 months	20	40	—	30. 11. 1991
			Pigs	6 months	10	20	—	30. 11. 1991
			Chickens for fattening	—	2,5	10	—	30. 11. 1991

No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content (mg/kg of complete feedingstuff)	Maximum content (mg/kg of complete feedingstuff)	Other provisions	Period of authorization
	B. **Antioxidants**							
	D. **Coccidiostats and other medicinal substances**							
16	Meticlorpindol/methylbenzoquate (mixture of 100 parts of (a) meticlorpindol and 8,35 parts of (b) methylbenzoquate)	a) 3,5-dichloro-2,6-dimethyl pyridin-4-ol b) 7-benzyloxy-6-butyl-3-methoxy carbonyl-4-quinolone	Rabbits	—	220	220	Use prohibited at least 5 days before slaughter	30. 11. 1991
20	Lasalocid sodium	$C_{34}H_{53}O_8Na$ (sodium salt of a polyether monocarboxylic acid produced by *Streptomyces lasaliensis*)	Turkeys	12 weeks	90	125	Use prohibited at least 5 days before slaughter	30. 11. 1991
21	Maduramicin ammonium	$C_{47}H_{83}O_{17}N$ (ammonium salt of a polyether monocarboxylic acid produced by *Actinomadura yumaensis*)	Chickens for fattening	—	5	5	Indicate in the instructions for use: '— Use prohibited at least 7 days before slaughter — Dangerous for equines' Mixture of maduramicin ammonium with bentonite montmorillonite is allowed	30. 11. 1991
22	Robenidine	1,3-bis[(4-chlorobenzylidene)-amino] guanidine hydrochloride	Rabbits for breeding purposes	—	50	66	Use prohibited at least 5 days before slaughter	30. 11. 1991

No	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	Period of authorization
					mg/kg of complete feedingstuff			
23	Narasin/Nicarbazin (mixture of (a) narasin and (b) nicarbazin in a 1/1 ratio)	(a) $C_{43}H_{72}O_{11}$ (polyether of monocarboxylic acid produced by *Streptomyces aureofaciens*). In granular form (b) Equimolecular complex of 1,3-bis (4-nitrophenyl)-urea and 4,6-dimethylpyrimidin-2-ol. In granular form	Chickens for fattening	—	80	100	Use prohibited at least 7 days before slaughter Indicate in the instructions for use: 'Dangerous for equines'	30. 11. 1991
	E. Emulsifiers, stabilizers, thickeners and gelling agents							
	F. Colouring matters including pigments							
	G. Preservatives							
20	Methylpropionic acid	$C_4H_8O_2$	All species or categories of animals with the exception of laying hens	—	1 000	4 000	—	30. 11. 1991
	I. Trace elements							
	J. Growth promoters							
	L. Binders, anti-caking agents and coagulants							
	M. Acidity regulators							