

**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2017/1145, Division PART A. (See end of Document for details)

## ANNEX I

### Additives referred to in Article 1(1)

#### PART A

#### *Feed additives to be withdrawn for all species and categories of animals*

Identification Number	Additive	Species or category of animals
<b>Preservatives</b>		
E 201	Sodium sorbate	All species
E 203	Calcium sorbate	All species
E 261	Potassium acetate	All species
E 283	Potassium propionate	All species
E 333	Calcium citrates	All species
E 334	L-Tartaric acid	All species
E 335	Sodium L-tartrates	All species
E 336	Potassium L-tartrates	All species
E 337	Potassium sodium L-tartrate	All species
E 507	Hydrochloric acid	All species
E 513	Sulphuric acid	All species
<b>Antioxidants</b>		
E 308	Synthetic gamma tocopherol	All species
E 309	Synthetic delta tocopherol	All species
E 311	Octyl gallate	All species
E 312	Dodecyl gallate	All species
<b>Binders, anti-caking agents and coagulants</b>		
E 330	Citric acid	All species
<b>Colourants, including pigments</b>		
<b>Other colourants</b>		
[ <sup>F1</sup> Relevant number	Colouring agents authorised for colouring foodstuffs by Community rules, with the exception of: E150b, E150c and E150d Caramel colours; E 141 Chlorophyllin Copper Complex; E 172 Iron Oxide Red, Black & Yellow; E 171 Titanium dioxide (anatase & rutile structure); E 153 Carbon black	All species]

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E 142	Acid brilliant green BS/ (Lissamine green)	All species
Emulsifying and stabilizing agents, thickeners and gelling agents		
E322	Lecithins (only as stabilizing agents, thickeners and gelling agents)	All species
E 400	Alginic acid	All species
E 402	Potassium alginate	All species
E 404	Calcium alginate	All species
E 405	Propane-1,2-diol alginate (Propyleneglycol alginate)	All species
E 432	Polyoxyethylene (20)-sorbitan monolaurate	All species
E 434	Polyoxyethylene (20)-sorbitan monopalmitate	All species
E 435	Polyoxyethylene (20)-sorbitan monostearate	All species
E 436	Polyoxyethylene (20)-sorbitan tristearate	All species
E 465	Ethylmethylcellulose	All species
E 473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids)	All species
E 474	Sucroglycerides (mixture of esters of saccharose and mono- and di-glycerides of edible fatty acids)	All species
E 475	Polyglycerol esters of non-polymerised edible fatty acids	All species
E 477	Mono-esters of propane-1,2-diol (propyleneglycol) and edible fatty acids, alone or in mixtures with diesters	All species
E 480	Stearoyl 2-lactylic acid	All species
E 481	Sodium stearoyl 2-lactylate	All species
E 482	Calcium stearoyl 2-lactylate	All species
E 483	Stearyl tartrate	All species
E 486	Dextrans	All species
E 491	Sorbitan monostearate	All species
E 492	Sorbitan tristearate	All species

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E 494	Sorbitan monooleate	All species
E 495	Sorbitan monopalmitate	All species
E 496	Polyethyleneglycol 6000	All species
E 497	Polyoxypropylene-polyoxyethylene polymers (M.W. 6 800-9 000)	All species
Trace elements		
E 1	<b>Iron — Fe</b> , Ferrous chloride, tetrahydrate	All species
E 1	<b>Iron — Fe</b> , Ferrous citrate, hexahydrate	All species
E 1	<b>Iron — Fe</b> , Ferrous lactate, trihydrate	All species
E 2	<b>Iodine — I</b> , Calcium iodate, hexahydrate	All species
E 2	<b>Iodine — I</b> , Sodium iodide	All species
E 4	<b>Copper — Cu</b> , Cupric methionate	All species
E 5	<b>Manganese — Mn</b> , Manganic oxide	All species
E 5	<b>Manganese — Mn</b> , Manganomanganic oxide	All species
E 5	<b>Manganese — Mn</b> , Manganous carbonate	All species
E 5	<b>Manganese — Mn</b> , Manganous hydrogen phosphate, trihydrate	All species
E 5	<b>Manganese — Mn</b> , Manganous sulphate, tetrahydrate	All species
E 6	<b>Zinc — Zn</b> , Zinc carbonate	All species
E 6	<b>Zinc — Zn</b> , Zinc chloride monohydrate	All species
E 6	<b>Zinc — Zn</b> , Zinc lactate, trihydrate	All species
E 7	<b>Molybdenum — Mo</b> , Ammonium molybdate	All species
E 8	<b>Selenium — Se</b> , Sodium selenate	All species
Vitamins, provitamins and chemically well-defined substances having similar effect		

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	Betaine. All forms with the exception of betaine anhydrous and betaine hydrochloride	All species
	Biotin. All forms with the exception of D-(+)-biotin	All species
	Carnitine. All forms with the exception of L carnitine and L carnitine L-tartrate	All species
	Choline. All forms with the exception of choline chloride	All species
	Folate. All forms of folate with the exception of folic acid	All species
	Niacin. All forms of niacin with the exception of niacin 99 % and niacinamide	All species
	Omega-3 Essential Unsaturated Fatty acids	All species
	Omega-6 Essential Unsaturated Fatty acids (all with exception of octadecadienoic acid)	All species
	Pantothenic acid. All forms with the exception of Calcium-D-pantothenate and D-panthenol	All species
	Para-amino benzoic acid (PABA)	All species
	Thiamine. All forms with the exception of thiamine hydrochloride and thiamine mononitrate	All species
	Vitamin A. All forms with the exception of retinyl acetate, retinyl palmitate and retinyl propionate	All species
	Vitamin B <sub>6</sub> . All forms with the exception of pyridoxine hydrochloride	All species
	Vitamin C. All forms with the exception of ascorbic acid, sodium ascorbyl phosphate, sodium calcium ascorbyl phosphate	All species

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	Vitamin E. All forms with the exception of <i>all-rac-alpha-tocopheryl acetate</i> , <i>RRR-alpha-tocopheryl acetate</i> and <i>RRR alpha tocopherol</i>	All species
	Vitamin K. All forms of Vitamin K with the exception of Vitamin K <sub>3</sub> as menadione nicotinamide bisulphite and as [ <sup>14</sup> C]menadione sodium bisulphite]	All animal species
Amino acids, their salts and analogues		
3.1.3.	Methionine/Methionine-zinc, technically pure	All species
3.2.1.	Lysine/L-lysine, technically pure	All species
3.4.2.	DL-Tryptophan, technically pure	All species
Silage additives		
Enzymes		
	Xylanase EC 3.2.1.8 from <i>Trichoderma longibrachiatum</i> rifar IMI SD185	All species
Microorganisms		
	<i>Enterococcus faecium</i> BIO 34	All species
	<i>Lactobacillus salivarius</i> CNCM I-3238/ATCC 11741	All species
	<i>Pediococcus pentosaceus</i> NCIMB 30089	All species
Substances		
	Formaldehyde	All species
	Sodium bisulphate	All species
Flavouring and appetising substances		
Natural products — botanically defined		
	Birch tincture CoE 88	All species
Natural products and corresponding synthetic products		
	CAS No 16630-52-7/3-(Methylthio)butanal/Flavis No 12.056	All species

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	CAS No 2179-60-4/Methyl propyl disulfide/Flavis No 12.019	All species
	CAS No 36431-72-8/Theaspirane/Flavis No 13.098	All species
	CAS No 3738-00-9/1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0.(4.9)]tridecane/Flavis No 13.072	All species
	CAS No 40789-98-8/3-Mercaptobutan-2-one/Flavis No 12.047	All species
	CAS No 43040-01-3/3-Methyl-1,2,4-trithiane/Flavis No 15.036	All species
	CAS No 495-62-5/1,4(8),12-Bisabolatriene/Flavis No 01.016	All species
	CAS No 516-06-3/D,L-Valine/Flavis No 17.023	All species
	CAS No 5756-24-1/Dimethyl tetrasulfide/Flavis No 12.116	All species
	CAS No 6028-61-1/Dipropyl trisulfide/Flavis No 12.023	All species
	CAS No 689-67-8/6,10-Dimethyl-5,9-undecadien-2-one/Flavis No 07.216	All species
	CAS No 78-98-8/2-Oxopropanal/Flavis No 7.001	All species

#### Textual Amendments

- F1** Substituted by [Commission Implementing Regulation \(EU\) 2018/353 of 9 March 2018](#) correcting [Implementing Regulation \(EU\) 2017/1145](#) on the withdrawal from the market of certain feed additives authorised pursuant to Council Directives [70/524/EEC](#) and [82/471/EEC](#) and repealing the obsolete provisions authorising those feed additives (Text with EEA relevance).

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