SCHEDULE 4

PERMITTED ADDITIVES AND PROVISIONS RELATING TO THEIR USE

PART III

PERMITED EMULSIFIERS, STABILISERS, THICKENERS AND GELLING AGENTS

CHAPTER A

E322LecithinsE400Alginic acidE401Sodium alginateE402Potassium alginateE403Ammonium alginate — Not permitted in aquarium fish feedE404Calcium alginateE405Propylene glycol alginate (propane-1,2-diol alginate)E406AgarE407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE420D-Glucitol (sorbitol)E415Xanthan gumE420GlycerolE440PectinsE421MannitolE422GlycerolE440PectinsE440Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	EECNo.	Name or description
E401Solum alginateE402Potassium alginateE403Ammonium alginate — Not permitted in aquarium fish feedE404Calcium alginateE405Propylene glycol alginate (propane-1,2-diol alginate)E406AgarE407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440MenticolE460(ii)CelluloseE460(iii)Cellulose	E322	Lecithins
E402Potassium alginateE403Ammonium alginate — Not permitted in aquarium fish feedE404Calcium alginateE405Propylene glycol alginate (propane-1,2-diol alginate)E406AgarE407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460(ii)Cellulose powderE461Metylcellulose	E400	Alginic acid
E403Ammonium alginate — Not permitted in aquarium fish feedE404Calcium alginateE405Propylene glycol alginate (propane-1,2-diol alginate)E406AgarE407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GiycerolE440PectinsE440PectinsE460(ii)Cellulose powderE461Methylcellulose	E401	Sodium alginate
aquarium fish feedE404Calcium alginateE405Propylene glycol alginate (propane-1,2-diol alginate)E406AgarE407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460(ii)Cellulose powderE460(ii)Methylcellulose	E402	Potassium alginate
E405Propylene glycol alginate (propane-1,2-diol alginate)E406AgarE407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE415Xanthan gumE420D-Glucitol (sorbitol)E421GiycerolE422GlycerolE440PectinsE440ManitolE440Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	E403	
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E407CarrageenanE408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421GlycerolE422GlycerolE440PectinsE440MannitolE440CelluloseE460(ii)Cellulose powderE461Methylcellulose	E405	
E408FurcellaranE410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460(ii)Cellulose powderE461Methylcellulose	E406	Agar
E410Locust bean gum (carob gum)E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460(ii)Cellulose powderE461Methylcellulose	E407	Carrageenan
E411Tamarind seed flourE412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	E408	Furcellaran
E412Guar gum (guar flour)E413TragacanthE414Acacia (gum arabic)E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	E410	Locust bean gum (carob gum)
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E415Xanthan gumE420D-Glucitol (sorbitol)E421MannitolE422GlycerolE440PectinsE460Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	E413	Tragacanth
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E440PectinsE460Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	E421	Mannitol
E460Microcrystalline celluloseE460(ii)Cellulose powderE461Methylcellulose	E422	Glycerol
E460(ii)Cellulose powderE461Methylcellulose	E440	Pectins
E461 Methylcellulose	E460	Microcrystalline cellulose
	E460(ii)	Cellulose powder
E462 Ethylcellulose	E461	Methylcellulose
	E462	Ethylcellulose

EECNo.	Name or description		
E463	Hydroxypropylcellulose		
E464	Hydroxypropylmethylcellulose		
E465	Ethylmethylcellulose		
E466	Carboxymethylcellulose (sodium salt of carboxymethyl ether of cellulose)		
E470	Sodium, potassium and calcium salts of edible fatty acids, alone or in mixtures, derived either from edible fats or distilled edible fatty acids		
E471	Monoacyl and diacylglycerols (mono-and di- glycerides of fatty acids)		
E472	 Monoacyl and diacylglycerols esterified with the following acids: (a) acetic (b) lactic (c) citric (d) tartaric (e) monoacetyltartaric and diacetyltartaric 		
E473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids)		
E474	Mixture of sucrose esters of monoacyl and diacylglycerols (sucroglycerides)		
E475	Polyglycerol esters of non-polymerised edible fatty acids		
E477	Propylene glycol esters of fatty acids (propane-1,2-diol esters of fatty acids)		
E480	Stearoyl-2-lactylic acid		
E481	Sodium stearoyl-2-lactylate		
E482	Calcium stearoyl-2-lactylate		
E483	Stearyl tartrate		
E484	Glycerol poly(ethylene glycol)ricinoleate		
E486	Dextrans		
E491	Sorbitan monostearate		
E492	Sorbitan tristearate		
E493	Sorbitan monolaurate		
E494	Sorbitan mono-oleate		
E495	Sorbitan monopalmitate		

CHAPTER B

Column 1 EEC No.	Column 2 Name or descriprion	Column 3 <i>Kind of animal</i>	Column 4 Maximum content (mg/ kg in complete feeding stuffs)	Column 5 Conditions
E418	Gellan Gum (Polytetrasaccharia containing glucose, glucuronic acid and rhamnose (2: 1: 1) produced by <i>Pseudomonas</i> <i>elodea</i> (ATCC3 1466))	Dogs, Cats de	No limit .	Canned feeding stuffs only
E432	Polyoxyethylene (20) sorbitan	} All species of animals	} 5000 (alone or with ather	}Milk replacer feeds only
E433	monolaurate		Polysorbates)	
E434	Polyoxyethylene (20) sorbitan			
E435	mono-oleate			
E436	Polyoxyethylene (20) sorbitan monopalmitate			
	Polyoxyethylene (20) sorbitan monostearate			
	Polyoxyethylene (20) sorbitan tristearate			
E45Ob(i)	<i>penra</i> Sodium triphosphate	Dogs, Cats	5000	All feeding stuff
E487	Polyethyleneglycol Calves esters of fatty acids from soya oil		6000	Milk replacer feeds only
E488	Polyoxyethylated glycerides of tallow fatty acids	Calves	5000	Milk replacer feeds only
E489	Ethers of polyglycerol and of alcohols obtained by the	Calves	5000	Milk replacer feeds only

Column 1 EEC No.	Column 2 Name or descriprion	Column 3 <i>Kind of animal</i>	Column 4 Maximum content (mg/ kg in complete feeding stuffs)	Column 5 Conditions
	reduction of oleic and palmitic acids			
E490	Propane-1, 2-diol	Dairy cows	12000	} All feeding stuffs
		Calves	36000	
		Cattle for fattening	300	
		Lambs		
		Kids		
		Swine		
		Poultry		
E496	Poly(ethylene glycol) 6000	} All species of animals	300	} All feeding stuffs
E497	Polyoxypropylene polyoxyethylene polymers (M.W. 6800-9000)	_	50	
E498	Partial polyglycerol esters of polycondensed fatty acids of castor oil (polyglycerol polyricinoleate)	Dogs	No limit	All feeding stuffs
E499	Cassia Gum	Dogs, Cats	17600	Canned feeding stuffs only