COMMISSION DIRECTIVE

of 26 July 1984

amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition

(84/443/EEC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,

Having regard to Council Directive 82/471/EEC of 30 June 1982 concerning certain products used in animal nutrition (1), and in particular Article 6 thereof,

Whereas Directive 82/471/EEC provides for the content of the Annexes to be constantly adjusted to the progress of scientific and technical knowledge;

Whereas it is appropriate to subdivide the group 'non-protein nitrogenous compounds and similar products' in order to establish a clear distinction between those products belonging respectively to the groups 'non-protein nitrogenous compounds', 'amino acids and their salts', and 'hydroxy-analogues of aminoacids'; whereas, as a result of this subdivision and in the light of the studies which have been made, the use of new products should be authorized under certain conditions;

Whereas it has been found necessary to alter the composition characteristics and special provisions laid down for certain products contained in the Annex;

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

The Annex to Directive 82/471/EEC shall be amended in accordance with the Annex hereto.

Article 2

The Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with Article 1, not later than 30 June 1985. They shall immediately inform the Commission thereof.

Article 3

This Directive is addressed to the Member States.

Done at Brussels, 26 July 1984.

For the Commission
Poul DALSAGER
Member of the Commission

(1) OJ No L 213, 21. 7. 1982, p. 8.

ANNEX

1. The heading of column 3, 'Chemical designation of product or identity of micro-organism', is replaced by 'Designation of nutritive principle or identity of micro-organism'.

2. In the English text, the heading of column 4 'Nutrient substrate (specifications, if any)', is replaced by the heading 'Culture substrate (specifications, if any)'.

3. The following footnote is added: 'The contents laid down or to be declared in accordance with columns 5 and 7 refer to the product as such.'

4. Point 2, 'Non-protein nitrogenous compounds and similar products in the following groups', is replaced by the following:

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications, if any)	Composition characteristics of product	Animal species	Special provisions
2. Non-protein nitrogenous compounds 2.1. *Urea and its derivatives*	2.1.1. Urea, technically pure	$CO(NH_2)_2$	—	Urea: minimum 97 %	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name 'Urea', 'Biuret', 'Urea-phosphate' or 'Diureidoisobutane', as the case may be, — nitrogen level; and in addition for product 2.1.3, phosphorus level, — animal species or category. Declarations to be made on the label or packaging of compound feedingstuffs: — the name 'Urea', 'Biuret', 'Urea-phosphate' or 'Diureidoisobutane' as the case may be, — amount of the product contained in the feedingstuff, — percentage of the total crude protein provided by non-protein nitrogen, — indication, in the instructions for use, of the level of total non-protein nitrogen which should not be extended in the daily ration of each animal species or category.
	2.1.2. Biuret, technically pure	$(CONH_2)_2$-NH	—	Biuret: minimum 97 %		
	2.1.3. Urea-phosphate, technically pure	$CO(NH_2)_2 \cdot H_3PO_4$	—	Nitrogen: minimum 16,5 % Phosphorus: minimum 18 %		
	2.1.4. Diureidoisobutane, technically pure	$(CH_3)_2$-$(CH)_2$-$(NHCONH_2)_2$	—	Nitrogen: minimum 30 % Isobutyraldehyde: minimum 35 %		

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications, if any)	Composition characteristics of product	Animal species	Special provisions
2.2. *Ammonium salts*	2.2.1. Ammonium lactate, produced by fermentation with Lactobacillus bulgaricus	$CH_3CHOHCOONH_4$	Whey	Nitrogen expressed as crude protein: minimum 44 %	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name 'Ammonium lactate from fermentation', — nitrogen expressed as crude protein, — crude ash, — moisture, — animal species or category. Declarations to be made on the label or packaging of compound feedingstuffs: — the name 'Ammonium-lactate from fermentation', — amount of product contained in the feedingstuff, — percentage of the total crude protein provided by non-protein nitrogen, — indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications, if any)	Composition characteristics of product	Animal species	Special provisions
2.3. *By-products from the production of amino acids by fermentation*	2.3.1. Concentrated liquid by-products from the production of L-glutamic acid by fermentation with Corynebacterium melassecola	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as crude protein: minimum 48 % Moisture: maximum 28 %	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name 'by-products from the production of L-glutamic acid' in the case of product 2.3.1; 'by-products from the production of L-lysine' in the case of product 2.3.2, — nitrogen, expressed as crude protein, — crude ash, — moisture, — animal species or category. Declarations to be made on the label or packaging of compound feedingstuffs: — the name 'by-products from the production of L-glutamic acid' in the case of product 2.3.1; 'by-products from the production of L-lysine' in the case of product 2.3.2, — percentage of the total crude protein provided by non-protein nitrogen, — indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.
	2.3.2. Concentrated liquid by-products from the production of L-lysine monohydrochloride by fermentation with Brevibacterium lactofermentum	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as crude protein: minimum 45 %	Ruminants from the beginning of rumination	

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications, if any)	Composition characteristics of product	Animal species	Special provisions
3. **Amino acids and their salts**	3.1. DL-methionine, technically pure	$CH_3S(CH_2)_2$-$CH(NH_2)$-COOH	—	DL-methionine: minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product: — the name 'DL-methionine', in the case of product 3.1; 'Dihydrated calcium salt of N-hydroxymethyl-DL-methionine' in the case of product 3.2, — DL-methionine and moisture contents, — animal species or category in the case of product 3.2
	3.2. Dihydrated calcium salt of N-hydroxymethyl-DL-methionine, technically pure	$(CH_3S(CH_2)_2$-$CH(NH$-$CH_2OH)$-$COO)_2\,Ca \cdot 2H_2O$	—	DL-methionine: minimum 67 % Formaldehyde: maximum 14 % Calcium: minimum 9 %	Ruminants from the beginning of rumination	
	3.3. L-lysine technically pure	$NH_2(CH_2)_4$-$CH(NH_2)$-COOH	—	L-lysine: minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product: — the name 'L-lysine' in the case of product 3.3; 'L-lysine-monohydrochloride' in the case of product 3.4; 'L-lysine sulphate and its by-products from fermentation' in the case of product 3.5, — L-lysine and moisture contents
	3.4. L-lysine monohydrochloride, technically pure	$NH_2(CH_2)_4$-$CH(NH_2)$-$COOH \cdot HCL$	—	L-lysine: minimum 78 %		
	3.5. **L-lysine sulphate produced by fermentation with Corynebacterium glutamicum**	$(NH_2$-$(CH_2)_4$-$CH(NH_2)$-$COOH)_2 \cdot H_2SO_4$	**Sugar syrup, molasses, cereals, starch products and their hydrolysates**	**L-lysine: minimum 40 %**		
	3.6. L-threonine, technically pure	CH_3-$CH(OH)$-$CH(NH_2)$-COOH	—	L-threonine: minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product: — the name 'L-threonine', — L-threonine and moisture contents

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications, if any)	Composition characteristics of product	Animal species	Special provisions
4. **Hydroxyanalogues of amino acids**	4.1. DL-2-hydroxy-4-methylmercaptobutyric acid	$(CH_3S\text{-}(CH_2)_2\text{-}CH(OH)\text{-}COOH$	—	Monomer acid: minimum 65 %	All animal species except ruminants	Declarations to be made on the label or packaging of the product: — name (column 2), — monomer acid and moisture contents, — animal species or category
	4.2. Calcium salt of DL-2-hydroxy-4-methylmercaptobutyric acid	$(CH_3S\text{-}(CH_2)_2\text{-}CH(OH)\text{-}COO)_2Ca$	—	Monomer acid: minimum 83 % Calcium: minimum 12 %		