



**Food and Agriculture  
Organization of the  
United Nations**



**World Health  
Organization**

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**Agenda Item 4(b)**

**CX/FA 23/53/6 Add. 1**

**March 2023**

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON FOOD ADDITIVES

#### Fifty-third Session

### ALIGNMENT OF THE FOOD ADDITIVE PROVISIONS OF COMMODITY STANDARDS: REPORT OF THE EWG ON ALIGNMENT

(Prepared by Australia)

#### **Revised amendments to Draft Standard for Follow-Up Formula for Older Infants and Product for Young Children arising from Alignment**

The EWG of Alignment provided the proposed amendments to the food additive provisions for the *Standard for Follow-Up Formula* (CXS 156-1987) within Appendix 9 of CX/FA 23/53/6 (page 294). The EWG on Alignment was aware that CCNFSDU42 was reviewing the Standard for Follow-Up Formula as noted in Appendix IV of REP22/NFSDU. It was agreed by the CCNFSDU42/CCNFSDU43 to split the draft standard into two sections: Section A – Follow-Up Formula for Older Infants; and Section B – Drink for Young Children with Added Nutrients or Product for Young Children with Added Nutrients or Drink for Young Children or Product for Young Children. Furthermore, CCNFSDU43 proposed that this draft Standard be forwarded to the CAC46 for adoption. The section relevant for food additive provisions for the draft Standard, being within Appendix II of the REP23/NFSDU, was proposed to be passed to the CAC46 for final adoption.

In considering the implications on alignment of the CCNFSDU's decision to split the draft standard into two sections, it is noted that the structure of the food additive provisions for the draft Follow-Up Formula standard is slightly different to the current Standard CXS 156-1987, but the list of food additive provisions is almost identical.

The proposed amendments to the food additive provisions due to alignment for the revised CXS 156-1987 are provided below. If agreed by the PWG on Alignment, these would be part of the Alignment CRD03 provided to the committee.

New text is indicated in **bold/underline**. Text to be removed is indicated in ~~strike through~~.

D. PROPOSED AMENDMENTS TO THE FOOD ADDITIVE PROVISIONS OF THE STANDARD FOR FOLLOW-UP FORMULA FOR OLDER INFANTS AND PRODUCT FOR YOUNG CHILDREN (FROM APPENDIX II REP23/NFSDU)

#### SECTION A: FOLLOW-UP FORMULA FOR OLDER INFANTS

#### 4. Food Additives

**4.1 Acidity regulators, antioxidants, emulsifiers, packaging gases and thickeners used in accordance with Tables 1 and 2 of the General Standard for Food Additives (CXS 192-1995) in food category 13.1.2 (Follow-up formulae) are acceptable for use in foods conforming to this Standard.**

The following additives are permitted<sup>22)</sup>:

INS	Additive	Maximum level in 100 mL of the product ready for consumption
<b>4.1 Thickeners</b>		
412	Guar gum	0.1 g

410	Carob-bean-gum	0.1 g
1412	Distarch phosphate	0.5 g singly or in combination in soy-based products only; 2.5 g singly or in combination in hydrolyzed protein and/or amino acid-based products only
1414	Acetylated-distarch-phosphate	
1413	Phosphated-distarch-phosphate	
1422	Acetylated-distarch-adipate	
407	Carrageenan	0.03 g singly or in combination in milk and soy-based products only; 0.1 g singly or in combination in hydrolyzed protein and/or amino acid-based liquid products only
440	Pectins	1 g
<b>4.2 Emulsifiers</b>		
322(i)	Lecithin	0.5 g
471	Mono- and diglycerides of fatty acids	0.4 g
<b>4.3 Acidity Regulators</b>		
500(ii)	Sodium hydrogen carbonate	Limited by GMP Within the limits for sodium in Section 3.1
500(i)	Sodium carbonate	
331(i)	Sodium dihydrogen citrate	
331(iii)	Trisodium citrate	
524	Sodium hydroxide	Limited by GMP
501(ii)	Potassium hydrogen carbonate	
501(i)	Potassium carbonate	
332(i)	Potassium dihydrogen citrate	
332(ii)	Tripotassium citrate	
525	Potassium hydroxide	Limited by GMP
526	Calcium hydroxide	
270	Lactic acid, L-, D-, and DL-	Limited by GMP
330	Citric acid	Limited by GMP
<b>4.4 Antioxidants</b>		
307b	Tocopherols concentrate, mixed	3 mg singly or in combination
307a	Tocopherol, d-alpha	
307c	Tocopherol, dl-alpha	
304	Ascorbyl palmitate	5 mg singly or in combination, expressed as ascorbic acid (INS 300, 301, 302, 304) Within the limits for sodium in Section 3.1
300	Ascorbic acid, L-	
301	Sodium ascorbate	
302	Calcium ascorbate	
<b>4.5 Packaging Gases</b>		
290	Carbon dioxide	GMP
941	Nitrogen	GMP

<sup>22)</sup> The table of food additive provisions is for information only. Following the completion of the alignment work for CXS 156-1987, the table will be replaced by a general reference to the GSEA as below:

"Acidity regulators, antioxidants, emulsifiers, thickeners, packaging gases used in accordance with Tables 1 and 2 of the *General Standard for Food Additives* (CXS 192-1995) in food category 13.1.2 (Follow-up formulae) are acceptable for use in foods conforming to this Standard."

#### 4.6 2 Flavourings

No flavourings are permitted in this product.

#### 4.7 3 Carry-Over Principle

Only the food additives listed in this Section **food category 13.1.2 (Follow-up formulae) of the CXS 192-1995** may be present in the foods described in Section 2.1 of this Standard, as a result of carry-over from a raw material or other ingredient (including food additive) used to produce the food, subject to the following conditions:

- The amount of the food additive in the raw materials or other ingredients (including food additives) does not exceed the maximum level specified; and

- b) The food into which the food additive is carried over does not contain the food additive in greater quantity than would be introduced by the use of the raw materials or ingredients under good manufacturing practice, consistent with the provisions on carry-over in the Preamble of the *General Standard for Food Additives* (CXS 192-1995).

**SECTION B: DRINK FOR YOUNG CHILDREN WITH ADDED NUTRIENTS OR PRODUCT FOR YOUNG CHILDREN WITH ADDED NUTRIENTS OR DRINK FOR YOUNG CHILDREN OR PRODUCT FOR YOUNG CHILDREN**

**4. Food Additives**

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The following additives are permitted:<sup>14</sup>

INS	Additive	Maximum level in 100 mL of the product ready for consumption
<b>4.1 Thickeners</b>		
412	Guar gum	0.1 g
410	Carob bean gum	0.1 g
1412	Distarch phosphate	0.5 g singly or in combination in soy-based products only; 2.5 g singly or in combination in hydrolyzed protein and/or amino acid-based products only
1414	Acetylated distarch phosphate	
1413	Phosphated distarch phosphate	
1422	Acetylated distarch adipate	
407	Carrageenan	0.03 g singly or in combination in milk and soy-based products only; 0.1 g singly or in combination in hydrolyzed protein and/or amino acid-based liquid products only
440	Pectins	1 g
<b>4.2 Emulsifiers</b>		
322(i)	Lecithin	0.5 g
471	Mono- and diglycerides of fatty acids	0.4 g
<b>4.3 Acidity Regulators</b>		
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500(i)	Sodium carbonate	
331(i)	Sodium dihydrogen citrate	
331(iii)	Trisodium citrate	
524	Sodium hydroxide	
501(ii)	Potassium hydrogen carbonate	Limited by GMP
501(i)	Potassium carbonate	
332(i)	Potassium dihydrogen citrate	
332(ii)	Tripotassium citrate	
525	Potassium hydroxide	
526	Calcium hydroxide	Limited by GMP
270	Lactic acid, L-, D-, and DL-	Limited by GMP
330	Citric acid	Limited by GMP
<b>4.4 Antioxidants</b>		
307b	Tocopherols concentrate, mixed	3 mg singly or in combination
307a	Tocopherol, d-alpha	
307c	Tocopherol, dl-alpha	
304	Ascorbyl palmitate	5 mg singly or in combination, expressed as ascorbic acid (INS 300, 301, 302, 304)
300	Ascorbic acid, L-	
301	Sodium ascorbate	
302	Calcium ascorbate	

<b>4.5 Packaging Gases</b>		
290	Carbon dioxide	GMP
941	Nitrogen	GMP

<sup>14)</sup> The table of food additive provisions is for information only. Following the completion of the alignment work for CXS 156-1987, the table will be replaced by a general reference to the GSFA as below:

“Acidity regulators, antioxidants, emulsifiers, thickeners, packaging gases used in accordance with Tables 1 and 2 of the *General Standard for Food Additives (CXS 192-1995)* in food category 13.1.2 (Follow-up formulae) are acceptable for use in foods conforming to this Standard.”

#### 4.62 Flavourings <sup>15)</sup>

<u>Name of flavouring</u>	<u>Maximum use level</u>
<u>Natural Fruit Extracts</u>	<u>GMP</u>
<u>Vanilla extract</u>	<u>GMP</u>
<u>Ethyl vanillin</u>	<u>50 mg/kg</u>
<u>Vanillin</u>	<u>50 mg/kg</u>

Natural Fruit Extracts: GMP

Vanilla extract: GMP

Ethyl vanillin (JECFA no. 893): 5 mg/100 ml

Vanillin (JECFA no. 889): 5 mg/ 100 ml

The flavourings used in products covered by this Standard should comply with the *Guidelines for the Use of Flavourings* (CXG 66-2008).

<sup>15)</sup> National and/or regional authorities may restrict or prohibit the use of the listed flavourings.

#### 4.73 Carry-Over Principle

Only the food additives listed in this Section **food category 13.1.2 (Follow-up formulae) of the CXS 192-1995** may be present in the foods described in Section 2.1 of this Standard, as a result of carry-over from a raw material or other ingredient (including food additive) used to produce the food, subject to the following conditions:

- The amount of the food additive in the raw materials or other ingredients (including food additives) does not exceed the maximum level specified; and
- The food into which the food additive is carried over does not contain the food additive in greater quantity than would be introduced by the use of the raw materials or ingredients under good manufacturing practice, consistent with the provisions on carry-over in the Preamble of the *General Standard for Food Additives (CXS 192-1995)*.

### RECOMMENDATION FOR ALIGNMENT PWG AND CCFA53

The PWG on Alignment are asked to consider the proposed amendments to the food additive provisions for the Draft Standard for Follow-Up Formula for Older Infants and Product for Young Children developed recently by CCNFSDU43 in this addendum compared to that provided within Appendix 9 of CX/FA 23/53/6 which proposed alignment on the current *Follow-Up Formula (CXS 156-1987)*. No changes to those proposed for the GSFA due to alignment of CXS 156-1987 detailed in Appendix 9 are required.