

codex alimentarius commission

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FOOD AND AGRICULTURE
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JOINT OFFICE: Viale delle Terme di Caracalla 00153 ROME Tel: 39 06 57051 www.codexalimentarius.net Email: codex@fao.org Facsimile: 39 06 5705 4593

Agenda Item 5

CX/CF 08/2/5 Add.2
March 2008

JOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON CONTAMINANTS IN FOODS
Second Session
The Hague, the Netherlands, 31 March – 4 April 2008

**PROPOSED DRAFT REVISION OF THE PREAMBLE OF THE CODEX GENERAL STANDARD
FOR CONTAMINANTS AND TOXINS IN FOODS (GSCTF)**

(Preliminary draft of the revised Complementary Food Categorization System for the GSCTF)

This document incorporates a preliminary draft of a revised “Complementary Food Categorization System for the GSCTF”, submitted by Japan to the Chairperson leading the electronic working group to prepare the Proposed Draft Revision of the Preamble of the GSCTF.

Upon the request of Japan, the Chairperson of the electronic working group entrusted the task to Japan to elaborate a revised "Complementary Food Categorization system for the GSCTF" for consideration within the electronic working group.

Due to the late submission of the draft, the electronic working group was impossible to discuss it with a view to incorporating it into the Proposed Draft Revision of the Preamble of the GSCTF in time.

The Chairperson decided to forward the draft to the Codex Secretariat without any discussion in the electronic working group so as to make it available for discussion by the Committee at its Second Session.

Hence, the draft as presented in Annex is not part of the report of the electronic working group, but will be used for discussion at the Plenary of the Committee under this Agenda Item 5.

Annex

Preliminary draft of the revised Complementary Food Categorization System for the GSCTF

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1. Background

At the First Session of the Codex Committee on Contaminants in Foods (CCCF), it was proposed, noting that the ongoing revision of the Codex Classification of Foods and Animal Feeds by the Committee on Pesticide Residues was focused on inclusion of specialty crops, that the CCCF take the lead in including, in supplementary list of the food categorization system, some products of relevance to the General Standard of Contaminants and Toxins in Foods (GSCTF), such as fish and fish products. The Committee noted that this work would fall within the terms of reference of the electronic working group on the revision of the Preamble of the GSCTF and invited interested Members to actively contribute to the work of the working group regarding the possible revision of the food category system (ALINORM 07/30/41, para. 136).

2. Working Procedure for Revision

When considering the revision, the following approach was used to avoid inadvertent inconsistency and duplication.

(A) Select food commodities for which an GL/ML(s) has been recommended and included in Schedule I but without specific commodity codes (group letter code and code number);

(B) Group these commodities into the following three categories from the view of their characteristics;

Category 1: Primary food commodities, such as raw agricultural commodities and fish, and secondary food commodities, such as food products from relatively simple processing including drying. They should be included in the “Codex Classification of Foods and Animal Feeds”.

Category 2: Commodities from relatively complex processing or with multiple ingredients, such as canned foods. They should be included in the “Complementary Food categorization System for the GSCTF”.

Category 3: Commodities other than those in Category 1 and Category 2. These are “Foods” and “Infant foods”. “Food packaging materials” should also be included in this Category, as, while it is outside of the definition of food by Codex, there is an GL for vinyl chloride monomer in food packaging material, in addition to the GLs for vinyl chloride monomer and acrylonitrile in foods as a result of migration from packaging materials.

(C) Incorporate the selected and grouped commodities into the Codex Food Classification System.

Category 1:

- If the Codex Classification of Foods and Animal Feeds already includes a commodity equivalent to the commodity for which an ML or GL has been recommended but not found in the Codex Classification, the existing name found in Schedule I should be replaced by the relevant commodity name in the Codex Classification of Foods and Animal Feeds.

- If the Codex Classification of Foods and Animal Feeds does not include any commodity comparable to the commodity for which an ML or GL has been recommended, such commodity should be inserted in the Codex Classification with appropriate name and code number.

Category 2:

- Those commodities fall in this Category are listed in the Complementary Food Categorization System for the GSCTF. Each entry contains the same set of information as the Codex Classification and consists of four columns: code letter (e.g., NF for fruit nectars), code number, name, and definition.

Category 3:

- The term “Foods” is added to the Complementary Food Categorization System along with its definition in the Procedural Manual. The terms “Infant foods” and “Food packaging materials” are also included in the Categorization System.

4) Give each processed commodity appropriate code number in a manner below.

- a) If the relevant primary commodity or the main ingredient of the processed commodity is included in the Codex Classification with code number, this code number is given to the processed commodity in question.
- b) If there is no relevant primary commodity or main ingredient of the commodity concerned in the Codex Classification:
 - one of unused code numbers for commodity group and sub-group level (from 0001 through 0200) is given to the commodity group or multi-ingredient commodity in question; or
 - one of unused code numbers for individual commodity (0201 and above) is given to commodities other than those above.

5) When agreement is reached in the CCCF, inform the CCPR of any modifications made in the Codex Classification in order to avoid such situation that one code is used for different commodities.

3. Proposals for revision

CATEGORY 1: PRIMARY FOOD COMMODITIES AND SECONDARY FOOD COMMODITIES (FROM SIMPLE PROCESSING)

FISH/PREDATORY FISH

The commodity name “fish” appears in Schedule 1 for expressing MLs for lead and methylmercury, and “predatory fish” for methylmercury.

Proposal

- Replace the commodity name “Fish” in Schedule 1 with commodity names “Fresh Water Fish”, “Diadromous Fish”, and “Marine Fish” already included in the Codex Classification.
- For “Predatory Fish”, request the Codex Committee on Fish and Fishery Products again to identify or define the relevant fish species or categories. When the guideline levels for methylmercury in fish and predatory fish were established in 1991, it was decided to start new work on identification of predatory fish was decided. However, the kinds of predatory fish, namely description(s) and definition(s), have not been determined until now.

Codex Classification of Foods and Animal Feeds						Commodity	Definition
Class	Type	Group	Letter code	Commodity group description	Code No		
<i>Current</i>							
-	-	-	-	-	-	Fish	N/A
<i>Proposed</i>							
B	08	040	WF	Fresh water fish	0115	Fresh water fish	Use the definition of the group
B	08	041	WD	Diadromous fish	0120	Diadromous fish	Use the definition of the group
B	08	042	WS	Marine fish	0125	Marine fish	Use the definition of the group
<i>Current</i>							
-	-	-	-	-	-	Predatory fish	N/A
<i>Proposed: None yet</i>							

SECONDARY MILK PRODUCTS

The commodity name “secondary milk products” appears in Schedule 1 for expressing an ML for lead.

Proposal

- Add the commodity name “Secondary milk products” in the Codex Classification.
- Give this commodity the code number as that of “Milks”.

Codex Classification of Foods and Animal Feeds						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
<i>Current</i>							
-	-	-	-	-	-	Secondary milk products	In the Codex Classification
<i>Proposed</i>							
E	16	082	LS	Secondary milk products	0106	Secondary milk products	Use the definition of the group

FATS AND OILS

There are a number of MLs established for arsenic and lead in fats and oils.

Animal Fats, Processed (Named Animal Fats)

The MLs for arsenic and lead (all at 0.1 mg/kg) are included in individual commodity standards: Codex Standard for Named Animal Fats (CS 211-1999) and Codex Standard for Edible Fats and Oils Not Covered by Individual Standards (CS 19-1981). The commodity name “Named Animal Fats” include lard, rendered pork fat, premier jus and edible tallow.

Proposal

- Combine the “Named Animal Fats” with the fats of animal origin in the “Edible Fats and Oils not covered by individual Standards” and replace them with a new group “Edible Animal Fats” to be added to the Codex Classification with new code number 0094.
- Use the definition of the commodity group in the Codex Classification.

Codex Classification of Foods and Animal Feeds						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Current							
-	-	-	-	-	-	Named animal fat	As defined in CS 211-1999
-	-	-	-	-	-	Edible fats and oils	As defined in CS 19-1981*
Proposed							
E	17	085	FA	Animals fats, processed	0094	Edible Animal Fats	Use the definition of the group

* Edible fats of animal origin only.

Vegetable Oils (Named Vegetable Oils)

The MLs for arsenic (all at 0.1 mg/kg) are included in individual commodity standards: Codex Standards for Named Vegetable Oils (CS 210-1999), for Edible Fats and Oils Not Covered by Individual Standards (CS 19-1981) and for Olive Oils and Olive Pomace Oils (CS 33-1981). The commodity name “Named Vegetable Oils” include crude and edible oils from arachis, babassu, coconut, cottonseed, grapeseed, maize, mustardseed, palm kernel, palm, rapeseed, safflowerseed, sesameseed, soya bean, sunflowerseed, and palm olein, stearin and superolein.

The general ML for lead is recommended for Vegetable Oils (crude and edible) at 0.1 mg/kg. The MLs for lead are also included in the Codex Standards for Named Vegetable Oils (CS 210-1999), for Edible Fats and Oils Not Covered by Individual Standards (CS 19-1981), and for Olive Oils and Olive Pomace Oils (CS 33-1981) at the same level (0.1 mg/kg) as the general ML for lead in vegetable oils (cured and edible).

Proposal

- Merge the fats and oils of plant origin in the “Edible Fats and Oils not covered by individual Standards” and olive oils with the “Vegetable Oils, Edible” and “Vegetable Oils, Crude” with some modification in the notes/remarks by adding “and other fats and oils of vegetable origin” as the MLs for all of these commodities are at 0.1 mg/kg.

Codex Classification of Foods and Animal Feeds						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Current							
D	13	067	OC	Vegetable oils, crude	0172	Vegetable oils, crude	

Codex Classification of Foods and Animal Feeds						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
D	13	068	OR	Vegetable oils, edible	0172	Vegetable oils, edible	
D	13	067	OC	Vegetable oils, crude	0305	Olive oil, virgin	As defined in CS 33-1981
D	13	068	OR	Vegetable oils, edible	0305	Olive oil, refined	As defined in CS 33-1981
D	13	068	OR	Vegetable oils, edible	5330	Olive, residue oil	As defined in CS 33-1981
-	-	-	-	-	-	Named vegetable oils	As defined in CS 210-1999
-	-	-	-	-	-	Edible fats and oils not covered by individual standards	As defined in CS 19-1981*
Proposed							
D	13	067	OC	Vegetable oils, crude	0172	Vegetable oils, crude	Use the definition of the group**
D	13	068	OR	Vegetable oils, edible	0172	Vegetable oils, edible	Use the definition of the group**

* Fats and oils of plant origin only.

** In addition to the definition, the following text should appear: “Vegetable oils from arachis, babassu, coconut, cottonseed, grapeseed, maize, mustardseed, olive, palm kernel, palm, rapeseed, safflowerseed, sesameseed, soya bean, sunflowerseed, and palm olein, stearin and superolein and other fats and oils of plant origin”.

CATEGORY 2 : COMMODITIES FROM RELATIVELY COMPLEX PROCESSING OR WITH MULTIPLE INGREDIENTS

CANNED BEVERAGES AND CANNED FOODS (OTHER THAN BEVERAGES)

There are now a general ML for tin in canned beverages and the other in canned foods (other than beverages). There have been no Codex definitions for these commodities. These MLs also cover the MLs for tin in individual canned commodities.

Proposal

- Two new product groups should be created for canned beverages and for canned foods (other than beverages) since these terms cover very wide ranges of foods and do not fit in any existing groups. There is a need for assigning new class, type, group and code numbers as well as a letter code.

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
(new)	(new)	(new)	(new)	(new)	(new)	Canned beverages	Canned food other than beverage is any type of food, excluding beverage, sealed in a container, so as to prevent spoilage.
(new)	(new)	(new)	(new)	(new)	(new)	Canned food other than beverage	Canned beverage is any kind of edible liquid sealed in a container, so as to prevent spoilage

PROCESSED FOODS OF PLANT ORIGIN

There are a number of Codex standards for canned products of plant origin containing the ML for lead (1 mg/kg). As no general ML for canned foods has been recommended, these commodities will remain in Schedule I with appropriate code letters and numbers. It should be noted that, as the newly adopted or revised standards for processed fruits/vegetables do not contain numerical ML for contaminants, it is likely that other existing standards, after revision, may not contain the numerical ML any more.

Proposal

- The definitions in the individual Codex standards should be used.
- Single-ingredient commodities or those with only one major ingredients are given the same code numbers as those of relevant ingredients in the Codex Classification.
- The commodities, “Canned fruit cocktail” and “Canned tropical fruit salad”, made of multiple fruits and “Jams (fruits preserves) and Jellies” whose ingredients are not specified in the Standard are given an unused number of Class D group or sub-group.

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
D	01	07	TV	Treated vegetable products	0621	Canned asparagus	As defined in CS 56-1981
D	01	07	TV	Treated vegetable products	0577	Canned carrot	As defined in CS 116-1981
D	01	07	TV	Treated vegetable products	0526	Canned green beans and canned wax beans	As defined in CS 16-1981
D	01	07	TV	Treated vegetable products	0064	Canned green peas	As defined in CS 58-1981
D	01	07	TV	Treated vegetable products	0561	Canned mature processed peas	As defined in CS 81-1981
D	01	07	TV	Treated vegetable products	0450	Canned mushrooms	As defined in CS 55-1981
D	03	07	TV	Treated vegetable products	0665	Canned palmito	As defined in CS 144-1985
D	01	07	TV	Treated vegetable products	1257	Canned sweet corn	As defined in CS 18-1981
D	01	07	TV	Treated vegetable products	0424	Pickled cucumber (cucumber pickles)	As defined in CS 115-1981
D	01	06	TF	Treated fruit products	0345	Canned mangoes	As defined in CS 159-1987
D	01	06	TF	Treated fruit products	0353	Canned pineapple	As defined in CS 42-1981
D	01	06	TF	Treated fruit products	0272	Canned raspberries	As defined in CS 60-1981
D	01	06	TF	Treated fruit products	0275	Canned strawberries	As defined in CS 62-1981
D	01	06	TF	Treated fruit products	0305	Table olive	As defined in CS 66-1981
D	01	06	TF	Treated fruit products	0177 (new)	Canned fruit cocktail	As defined in CS 78-1981
D	01	06	TF	Treated fruit products	0178 (new)	Canned tropical fruit salad	As defined in CS 99-1981

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
D	03	06	FJ	Fruit jams, jellies marmalades, etc	0176 (new)	Jams (fruit preserves) and jellies	As defined in CS 79-1981
D	03	07	SF	Fruit chutneys and comparable preparation	0345	Mango chutney	As defined in CS 160-1987
D	03	09	PS	Preparations from nuts, oil seeds and other seeds	0664	Canned chestnuts and canned chestnuts puree	As defined in CS 145-1985

PROCESSED FOODS OF ANIMAL ORIGIN

There are a number of processed foods of animal origin in containers other than tinplate containers for which an ML of 50 mg/kg for tin was recommended.

Proposal

- The definitions in the individual standards should be used.
- “Corned beef” is given the same code number as “Cattle meat”.
- As “Chopped meat” and “Luncheon meat” can be prepared from meat or poultry or the combination thereof, they are given each unused number of Class E group or sub-group.
- As “Cooked cured ham” and “Cooked cured pork shoulder” are prepared from specific pig meat, they should be given an unused code number, 1286 and 1287 respectively, in a similar manner as the case with kidney of pig (1284) and liver of pig (1285).

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
E	01	03	MS	Secondary meat products	1286 (new)	Cooked cured ham	As defined in CS 96-1981
E	01	03	MS	Secondary meat products	1287 (new)	Cooked cured pork shoulder	As defined in CS 97-1981
E	01	03	MS	Secondary meat products	0812	Corned beef	As defined in CS 88-1981
E	01	03	MS	Secondary meat products	0184 (new)	Cooked cured chopped meat	As defined in CS 98-1981
E	01	03	MS	Secondary meat products	0185 (new)	Luncheon meat	As defined in CS 89-1981

FAT SPREADS AND BLENDED SPREADS

A new Codex Standard for Fat Spreads and Blended Spreads (CS 256-2007), which now supersedes the previous Codex Standards for Margarine and for Minarine, contains a section on heavy metals which says, “The product covered by the provisions of this Standard shall comply with maximum limits being established by the Codex Alimentarius Commission but in the meantime the following limits will apply:

	Maximum permissible concentration
Lead (Pb)	0.1 mg/kg
Arsenic (As)	0.1 mg/kg ”

The Standard includes four categories of products as follows:

Product	Milk fat in total fat	Fat content
Fat spreads		
Margarine	≤ 3%	≥ 80%
Fat spreads (the term “margarine” may be used)	≤ 3%	< 80%
Blended spreads		
Blends	> 3%	≥ 80%
Blended fat spread	> 3%	< 80%

On the other hand, Class F, Type 04 of the Complementary Food Categorization System for the GSCTF is “Margarines & other multi-ingredient fatty foods” with three groups in this Type.

Proposal

- The description of Class F, Type 04 of the Complementary Food Categorization System should be amended to read “Fat spreads and blended spreads” instead of “Margarines & other multi-ingredient fatty foods” in order to reflect the newly adopted Codex Standard.
- The three groups in this Type should be rearranged into two new groups in accordance with the milk fat content in total fat.
- As various fats and oils can be used for producing fat spreads and blended spreads, unused code numbers should be given to the relevant commodities.

Complementary Food Categorization System for GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Current							
-	-	-	-	-	-	Fat spreads and blended spreads	As defined in CS256-2007
Proposed							
F	04			Fat spreads and blended spreads			Foods that are plastic or fluid emulsions, principally of water and edible fats and oils. (In CS 256-2007)
F	04	02	LF	Fat spreads			The milk fat content must be no more than 3% of the total fat content.
F	04	02	LF	Fat spreads	0190 (new)	Margarine	The fat content shall be ≥ 80%
F	04	02	LF	Fat spreads	0191 (new)	Fat spreads	The fat content shall be < 80%
F	04	01	HF	Blended spreads			The milk fat is more than 3% of the total fat content.

Complementary Food Categorization System for GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
F	04	01	HF	Blended spreads	0192 (new)	Blends	The fat content shall be \geq 80%
F	04	01	HF	Blended spreads	0193 (new)	Blended fat spread	The fat content shall be $<$ 80%

WINE

There is a general ML for lead in wine.

Proposal

- A new definition is needed for “wine”.
- The same code number as that of “grapes” should be given to this commodity although wines can be made from various kinds of fruits.

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
D	03	04	FF	Fermented fruit beverage	0269	Wine	Wine is the product obtained exclusively from the total or partial alcoholic fermentation of fresh grapes, whether or not crushed, or of grape must.

INFANT FORMULA

The Codex Standard for Infant Formula (CS 72-1981) includes an ML for lead.

Proposal

- The definition contained in the Codex Standard for Infant formula should be used.
- An unused code number should be given to this commodity.

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
F	06	01	ID	Infant and follow-on formulae	0194 (new)	Infant formula	As defined in CS 72-1981

NATURAL MINERAL WATER

The Codex Standard for Natural Mineral Waters (CS 108-1981) contains MLs for arsenic, cadmium, lead and mercury.

Proposal

- The definition in the Codex Standard for Natural Mineral Waters should be used.
- An unused number should be given to this commodity.

Complementary Food Categorization System for GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
G	01	01	DW	Drinking water, mineral water, table water	0195 (new)	Natural mineral waters	As defined in CS 108-1981

SALT, FOOD GRADE

The Codex Standard for Food Grade Salt (CS 150-1985) contains MLs for arsenic, cadmium, lead and mercury.

Proposal

- The definition in the Codex Standard for Food Grade Salt should be used.
- An unused number should be given to this commodity.

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
G	01	02	SW	Salt, salt substitutes, mineral preparation	0196 (new)	Salt, food grade	As defined in CS 150-1985

CATEGORY 3 : COMMODITIES OTHER THAN THOSE IN CATEGORIES 1 AND 2

FOODS, INFANT FOODS, FOODS OTHER THAN INFANT FOODS

There are GLs for acrylonitrile and vinyl chloride monomer in “Food”, and for radionuclides in “Infant foods” and “Foods other than infant foods”.

Proposal

- These terms should be added to the Complementary Food Categorization System for the GSCTF as new classes.
- For “Foods”, the definition in the Procedural Manual should be used.
- For “Infant foods”, either a new definition should be developed or the definition in the Codex Standard for Infant Formula should be used (i.e., “infant food” is treated as a synonym of “infant formula”).

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
H	01			Foods			Any substance, whether processed, semi-processed or raw, which is intended for human consumption, and includes drink, chewing gum and any substance which has been used in the manufacture, preparation or treatment of “food” but does not include cosmetics or tobacco or substances used only as drugs.
H	02			Infant foods			Develop a new definition OR Use the definition in CS 72-1981.

FOOD PACKAGING MATERIALS

There is a GL for vinyl chloride monomer in “Food packaging materials” although packaging materials are not in any case categorized as food.

Proposal

- As there is no Codex definition or standard related to food packaging materials, a new definition should be developed.
- Although packaging materials are not a type of food, a new class should be established for only packaging materials.

Complementary Food Categorization System for the GSCTF						Commodity	Definition
Class	Type	Group	Letter code	Product group description	Code No		
Proposed							
I	01			Food packaging materials			Develop a new definition

Appendix 1: Proposed Amendments to the Codex Classification of Foods and Animal Feeds

Note: Amendments are proposed for Groups 82 and 85 as follows (deletion is shown as strike-through and insertion in italics). A description(s) and definition(s) are needed for “predatory fish”.

Secondary milk products

Class E

Type 16 Secondary Food Commodities of animal origin **Group 082 Group Letter Code LS**

Group 082, secondary milk products, includes milk products which have undergone simple processing such as removal or part removal of certain ingredients e.g. water, milk fat etc. The group and the commodities therein will only be used for pesticides which are not partitioned exclusively or nearly exclusively into the milk fat.

The recommended system for expressing the MRLs for the fat-soluble pesticides in milk and milk products is explained in the *Explanatory Notes of the Codex Alimentarius, Second Edition, Volume 2B* introduction to CAC/VOL. XIII Ed.2. The group includes among others ~~the following commodities~~ *those milk products for which* As defined in CS the relevant Codex Standards *were established.*, see CAC/VOL. XVI Ed.1 (1984). The reference no. of the standard is indicated between brackets.

~~Milk powders (whole, skimmed and partly skimmed) (Standard A 5 1971); evaporated milks (whole, skimmed) (Standard A 3 1971); skimmed milk.~~

Specific commodities will be ~~listed~~ *added* in this group with their code nos. accordingly as the necessity for this arises.

Portion of the commodity to which the MRL applied (and which is analyzed): **Whole commodity.**

Group 082 Secondary milk products

Code No. Commodity

LS 106 Secondary milk product

Class E

Type 17 Derived edible products of animal origin
Group 085 Group Letter Code FA

The Group 085, processed animal fats, includes rendered or extracted (possibly refined and /or clarified) fats from land and aquatic mammals and poultry and fats and oils derived from fishes.

Portion of the commodity to which the MRL applies (and which is analyzed): **Whole commodity as prepared for wholesale or retail distribution.**

Group 085 Animals fats, processed

Code No. Commodity

FA 94 Edible animal fats

FA 96 **Tallow and lard from cattle, goats, horses, pigs and sheep**
(lard only from pig)

(The rest of the list is omitted.)

Appendix 2: Proposed Revision of Complementary Food Categorization System for the GSCTF

Note: Deletion is shown as strike-through and insertion in italics

ANNEX IV-A

COMPLEMENTARY FOOD CATEGORIZATION SYSTEM FOR THE GSCTF

Introduction

The complementary food categorization system in this Annex consists of two parts: Part 1 and Part 2. Part 1 has been designed as a comprehensive list (on a general level), in order to be able to accommodate possible future needs while Part 2 is a set of descriptions of commodities for which Codex MLs for contaminants have been recommended but not covered by the Codex Classification of Foods and Animal Feeds.

Part 1

The additions to the food categorization system described in this Annex will serve the need of assigning a food code number to commodities that are not covered by this Annex. The commodities involved are mainly processed, derived and multi-ingredient foods.

In this phase no individual product definitions and codes are given. It seems sufficient to go no further than a type or group level in judging the acceptability of the system. The classification can be developed in further detail as the need arises.

The system used in the Codex General Standard for Food Additives (GSFA) for food classification has been utilized as far as it is compatible with the existing Codex classification system described in this Annex.

See the following list of ~~proposed new~~ food categories. Some explanations (as shown in the list) and some existing related food categories, for a better insight in the proposed system.

Commodity descriptions can often be derived from existing Codex Standards.

Information regarding concentration and dilution factors, in relation to contaminant carry-over from primary products, will be added where appropriate and available.

Definitions for the part of the product that shall be analyzed and to which the ML of a contaminant will apply, will also be added.

Part 2

Part 2 contains a set of descriptions of processed food not covered by the Codex Classification of Foods and Animal Feeds and for which Codex MLs for contaminants exist. They include commodity code (letter code and code number), definition and part of the product that shall be analyzed and ML of a contaminant will apply.

For a single-ingredient food, code numbers are derived from existing code number of the ingredient in the Codex Classification of Foods and Feed; and for a multi-ingredient food, a new unused code number is assigned in order to avoid one code number used for multiple commodities.

[Coding of Canned beverage and Canned food other than beverage needs further consideration].

PART 1

Class	Type	Group	Letter code	Product group description
D				PROCESSED FOODS OF PLANT ORIGIN (existing)
D	01			Secondary commodities of plant origin (5 existing groups)
D	01	06	TF	Treated fruit products (peeled, cut, frozen etc.) (New proposed group; commodity codes can be derived from existing fruit codes)
D	01	07	TV	Treated vegetable products (cleaned, cut, frozen etc.) (New proposed group; commodity codes can be derived from existing vegetable codes)
D	02			Derived products of plant origin (7 existing groups)
D	02	08	JV	Vegetable juices and purees (New proposed group; commodity codes can be derived from the existing vegetable codes)
D	02	09	SH	Sugars, syrups and honey (is this to be classified with products of plant origin?) (New proposed group; commodity codes to be developed)
D	03			Manufactured foods of plant origin (multi-ingredient) (1 existing group)
D	03	01	CP	Manufactured multi-ingredient cereal products (e.g. bread and other cooked cereal products) (existing group)
D	03	02	CB	Beverages derived from cereals (e.g. beer) (New proposed group; commodity codes to be developed when the necessity arises)
D	03	03	NF	Fruit nectars (New proposed group; commodity codes can be derived from the existing fruit codes)
D	03	04	FF	Fermented fruit beverages (wine, cider) (New proposed group; commodity codes can be derived from the existing fruit concerned)
D	03	05	DA	Distilled alcoholic beverages (New proposed group; commodity codes to be developed when the need arises)
D	03	06	FJ	Fruit jams, jellies, marmalades etc. (New proposed group; commodity codes to be derived from the existing fruit codes)
D	03	07	SF	Fruit chutneys and comparable preparations (New proposed group; commodity codes to be derived from the existing fruit codes)
D	03	08	SV	Vegetable chutneys and comparable preparations (New proposed group; commodity codes to be derived from the existing vegetable codes)

Class	Type	Group	Letter code	Product group description
D	03	09	PS	Preparations from nuts, oil seeds and other seeds <i>(New proposed group; commodity codes to be derived from the existing product codes)</i>
D	03	10	PP	Other manufactured plant products <i>(New proposed group; commodity codes to be developed when the need arises)</i>
E				PROCESSED FOODS OF ANIMAL ORIGIN <i>(existing class)</i>
E	01			Secondary commodities of animal origin <i>(2 existing groups)</i>
E	01	03	MS	Secondary meat products (e.g. cooked meat) <i>(New proposed group; commodity codes to be derived from the existing meat codes)</i>
E	01	04	ES	Secondary egg products (e.g. egg powder) <i>(New proposed group; commodity codes to be derived from the existing egg codes)</i>
E	01	05	WS	Secondary fishery products (e.g., smoked fish) <i>(New proposed group; commodity codes to be derived from the existing fish codes)</i>
E	02			Derived animal products of animal origin <i>(4 existing groups)</i>
E	02	05	MC	Derived meat products (e.g. meat extract) <i>(New proposed group; commodity codes to be derived from existing meat codes)</i>
E	02	06	ED	Derived egg products (e.g. egg white, yolk) <i>(New proposed group; commodity codes to be derived from existing egg codes)</i>
E	02	07	WD	Derived fishery products <i>(New proposed group; commodity codes to be derived from the existing fish codes)</i>
E	03			Manufactured food (single ingredient), animal origin <i>(1 existing group)</i>
E	03	01	LI	Manufactured milk products (single ingredient) <i>(existing group)</i>
E	03	02	MT	Manufactured meat products (e.g. cured meat) <i>(New proposed group; commodity codes to be derived from existing meat codes)</i>
E	03	03	EM	Manufactured egg products (e.g. egg white powder) <i>(New proposed group; commodity codes to be derived from existing egg codes)</i>
E	03	04	WP	Manufactured fishery products <i>(New proposed group; commodity codes to be derived from existing fish codes)</i>
E	04			Manufactured food (multi-ingredient) of animal origin <i>(1 existing group)</i>

Class	Type	Group	Letter code	Product group description
E	04	01	LM	Manufactured milk products (multi-ingredient) <i>(existing group)</i>
E	04	02	MP	Manufactured meat products (multi-ingredient) (e.g. sausage) <i>(New proposed group; commodity codes to be developed in relation to commodity description)</i>
E	04	03	EP	Manufactured egg products (multi-ingredient) <i>(New proposed groups; commodity codes to be developed in relation to commodity description)</i>
E	04	04	WI	Manufactured fishery products (multi-ingredient) <i>(New proposed group; commodity codes to be derived from existing fish codes)</i>
F				MULTI-INGREDIENT MANUFACTURED FOODS <i>(New proposed class)</i>
F	01			Beverages (multi-ingredient) <i>(New proposed type)</i>
F	01	01	BS	Beverages (soft drinks end comparable preparations) <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	01	02	BA	Alcoholic multi-ingredient beverages <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	02			Sauces, salad dressings, soups, bouillons etc. <i>(New proposed type)</i>
F	02	01	SP	Seasonings and condiments <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	02	02	PV	Vinegars (multi-ingredient) <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	02	03	PM	Mustards <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	02	04	BS	Soups and broths <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	02	05	ME	Sauces and comparable products <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	02	06	BC	Salads and sandwich spreads <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	03			Chocolate & other confectionery <i>(New proposed type)</i>
F	03	01	CC	Chocolate products <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>

Class	Type	Group	Letter code	Product group description
F	03	02	CS	Sugar confectionery, including nut based and comparable multi-ingredient confectionery <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	03	03	CG	Chewing gum <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	04			Margarines & other multi-ingredient fatty foods <i>Fat spreads and blended spreads</i> <i>(New proposed type)</i>
F	04	01	HF	Margarines > 80 % fat Blended spreads <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	04	02	LF	Margarines < 80 % fat Fat spreads <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	04	03	OF	Other products based on fat emulsions <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	05			Multi-ingredient bakery wares <i>(New proposed type)</i>
F	05	01	BF	Fine bakery wares <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	05	02	BS	Savoury snacks (potato, cereal or starch base) <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	05	03	NS	Savoury coated nuts, other nut snacks, nut mixtures <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	06			Multi-ingredient foods for special dietary uses <i>(New proposed type)</i>
F	06	01	ID	Infant and follow-on formulae <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	06	02	CD	Weaning foods <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	06	03	HD	Dietetic foods intended for special medical purposes <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	06	04	TD	Dietetic formulae for slimming purposes and weight reduction <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
F	06	05	SD	Supplementary foods for dietetic uses <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>

Class	Type	Group	Letter code	Product group description
F	06	06	AD	Food supplements <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
G				OTHER EDIBLE PRODUCTS <i>(New proposed class)</i>
G	01			Water, minerals and organic compounds <i>(New proposed type)</i>
G	01	01	DW	Drinking water, mineral water, table waters <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
G	01	02	SW	Salt, salt substitutes, mineral preparations <i>(New proposed group; commodity codes to be developed when the necessity arises)</i>
H				GENERAL TERMS
H	01			<i>Foods</i>
H	02			<i>Infant foods</i>
H	03			<i>Foods other than infant foods</i>
I				INEDIBLE MATERIALS
I	01			<i>Food packaging materials</i>

PART 2

Class	Type	Group	Letter Code	Code No.	Commodity	Definition	Part of product which is analyzed and to which the ML refer
PROCESSED FOODS							
					<i>Canned food other than beverage</i>	<i>Canned food other than beverage is any type of food, excluding beverage, sealed in a container, so as to prevent spoilage.</i>	<i>Content of the can</i>
					<i>Canned beverage</i>	<i>Canned beverage is any kind of edible liquid sealed in a container, so as to prevent spoilage.</i>	<i>Content of the can</i>
D PROCESSED FOODS OF PLANT ORIGIN							
<i>D 01 Secondary commodities of plant origin</i>							
<i>D 01 06 TF Treated fruit products (peeled, cut frozen etc.)</i>							
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0345</i>	<i>Canned mangoes</i>	<i>As defined in CS 159-1987</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0353</i>	<i>Canned pineapple</i>	<i>As defined in CS 42-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0272</i>	<i>Canned raspberries</i>	<i>As defined in CS 60-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0275</i>	<i>Canned strawberries</i>	<i>As defined in CS 62-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0305</i>	<i>Table olive</i>	<i>As defined in CS 66-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0177</i>	<i>Canned fruit cocktail</i>	<i>As defined in CS 78-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>06</i>	<i>TF</i>	<i>0178</i>	<i>Canned tropical fruit salad</i>	<i>As defined in CS 99-1981</i>	<i>Content of the can</i>
D PROCESSED FOODS OF PLANT ORIGIN							
<i>D 01 Secondary commodities of plant origin</i>							
<i>D 01 07 TV Treated vegetable products (peeled, cut frozen etc.)</i>							
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0621</i>	<i>Canned asparagus</i>	<i>As defined in CS 56-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0577</i>	<i>Canned carrot</i>	<i>As defined in CS 116-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0526</i>	<i>Canned green beans and canned wax beans</i>	<i>As defined in CS 16-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0064</i>	<i>Canned green peas</i>	<i>As defined in CS 58-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0561</i>	<i>Canned mature processes peas</i>	<i>As defined in CS 81-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0450</i>	<i>Canned mushrooms</i>	<i>As defined in CS 55-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>03</i>	<i>07</i>	<i>TV</i>	<i>0665</i>	<i>Canned palmito</i>	<i>As defined in CS 144-1985</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>1257</i>	<i>Canned sweet corn</i>	<i>As defined in CS 18-1981</i>	<i>Content of the can</i>
<i>D</i>	<i>01</i>	<i>07</i>	<i>TV</i>	<i>0448</i>	<i>Canned tomatoes</i>	<i>As defined in CS 115-1981</i>	<i>Content of the can</i>
D PROCESSED FOODS OF PLANT ORIGIN							
<i>D 03 Manufactured foods of plant origin (multi-ingredient)</i>							
<i>D 03 04 FF Fermented fruit beverage (wine, cider)</i>							
<i>D</i>	<i>03</i>	<i>04</i>	<i>FF</i>	<i>0269</i>	<i>Wine</i>	<i>Wine is the product obtained exclusively from the total or partial alcoholic fermentation of fresh grapes, whether or not crushed, or of grape must.</i>	<i>Content of the bottle or other containers</i>
D PROCESSED FOODS OF PLANT ORIGIN							
<i>D 03 Manufactured foods of plant origin (multi-ingredient)</i>							
<i>D 03 06 FJ Fruit jams, jellies, marmalades etc.</i>							
<i>D</i>	<i>03</i>	<i>06</i>	<i>FJ</i>	<i>0176</i>	<i>Jams (fruit preserves) and jellies</i>	<i>As defined in CS 79-1981</i>	<i>Content of the can or other containers</i>
D PROCESSED FOODS OF PLANT ORIGIN							
<i>D 03 Manufactured foods of plant origin (multi-ingredient)</i>							
<i>D 01 07 SF Fruit chutneys and comparable preparations</i>							
<i>D</i>	<i>03</i>	<i>07</i>	<i>SF</i>	<i>0345</i>	<i>Mango chutney</i>	<i>As defined in CS 160-1987</i>	<i>Content of the can or other containers</i>
D PROCESSED FOODS OF PLANT ORIGIN							

Class	Type	Group	Letter Code	Code No.	Commodity	Definition	Part of product which is analyzed and to which the ML refer
<i>D 03 Manufactured foods of plant origin (multi-ingredient)</i>							
<i>D 01 09 PS Preparations from nuts, oil seeds and other seeds</i>							
D	03	09	PS	0664	Canned chestnuts and canned chestnuts puree	As defined in CS 145-1985	Content of the can
<i>E PROCESSED FOODS OF ANIMAL ORIGIN</i>							
<i>E 01 Secondary commodities of animal origin</i>							
<i>E 01 03 MS Secondary meat products (e.g. cooked meat)</i>							
E	01	03	MS	1286	Cooked cured ham	As defined in CS 96-1981	Content of the can or other containers
E	01	03	MS	1287	Cooked cured pork shoulder	As defined in CS 97-1981	Content of the can or other containers
E	01	03	MS	0812	Corned beef	As defined in CS 88-1981	Content of the can or other containers
E	01	03	MS	0184	Cooked cured chopped meat	As defined in CS 98-1981	Content of the can or other containers
E	01	03	MS	0185	Luncheon meat	As defined in CS 89-1981	Content of the can or other containers
<i>F MULTI-INGREDIENT MANUFACTURED FOODS</i>							
<i>F 04 Fat spreads and blended spreads</i>							
<i>F 04 01 HF Blended spreads</i>							
F	04	01	HF	0192	Blends	As defined in CS 256-2007 The milk fat is more than 3% of the total fat content and the fat content shall be $\geq 80\%$.	Content of the container
F	04	01	HF	0193	Blended spreads	As defined in CS 256-2007 The milk fat is more than 3% of the total fat content and the fat content shall be $< 80\%$.	Content of the container
F	04	02	LF	0190	Margarine	As defined in CS 256-2007 The milk fat content must be no more than 3% of the total fat content and the fat content shall be $\geq 80\%$.	Content of the container
F	04	02	LF	0191	Fat spreads	As defined in CS 256-2007 The milk fat content must be no more than 3% of the total fat content and the fat content shall be $< 80\%$.	Content of the container
<i>F MULTI-INGREDIENT MANUFACTURED FOODS</i>							
<i>F 06 Multi-ingredient foods for special dietary uses</i>							
<i>F 06 01 ID Infant and follow-on formulae</i>							
F	06	01	ID	0194	Infant formula	As defined in CS 72-1981	Content of the container
<i>G OTHER EDIBLE PRODUCTS</i>							
<i>G 01 Water, minerals and organic compounds</i>							
<i>G 01 02 SW Salt, salt substitutes, mineral preparation</i>							
G	01	01	DW	0195	Natural mineral water	As defined in CS 108-1981	Content of the bottle
<i>G OTHER EDIBLE PRODUCTS</i>							
<i>G 01 Water, minerals and organic compounds</i>							
<i>G 01 02 SW Salt, salt substitutes, mineral preparation</i>							
G	01	02	SW	0196	Salt, food grade	As defined in CS 150-1985	Content of the container
<i>H GENERAL TERMS</i>							
H	01				Foods	Any substance, whether processed, semi-processed or raw, which is intended for human consumption, and includes drink, chewing gum and any substance which has been used in the manufacture, preparation or treatment of "food" but does not include	-

<i>Class</i>	<i>Type</i>	<i>Group</i>	<i>Letter Code</i>	<i>Code No.</i>	<i>Commodity</i>	<i>Definition</i>	<i>Part of product which is analyzed and to which the ML refer</i>
						<i>cosmetics or tobacco or substances used only as drugs.</i>	
<i>H</i>	<i>02</i>				<i>Infant foods</i>	<i>[Develop a new definition OR The term "Infant food" is a synonym of the term "Infant formula".</i>	<i>Content of the container</i>
<i>H</i>	<i>03</i>				<i>Food other than infant food</i>	<i>Any type of food excluding infant foods.</i>	<i>-</i>
<i>I INEDIBLE MATERIALS</i>							
<i>I</i>	<i>01</i>				<i>Food packaging material</i>	<i>[Need a definition]</i>	<i>Whole</i>