

Labelling issues relating to fats and oils

Middle-East and global perspective



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16th of April 2008

Topics

- Oils & fats general labelling requirements
- Health & nutrition claims
- Nutrition labelling
- Allergens
- Trans-fatty acids Updates

Consider:

- Codex Alimentarius
- > Turkey
- Saudi Arabia (Gulf Cooperation Council)
- > Egypt
- > Iran





Oils & Fats

General Labelling Requirements

Codex Alimentarius (CODEX STAN 1-1985 [last amended 2005])

- Name of the fat/oil ingredient class must be specified as;
- Refined oils other than olive; named as "oil" with the term "vegetable" or "animal", qualified by the term "hydrogenated" or "partially hydrogenated"
- Refined fats; named as "fat" together with the term "vegetable" or "animal"

Codex Compositional Standards for Fats & oils:

Codex Standard No	Codex Standard Name	Special labelling requirements
210 last amended 2005	Named vegetable oils	"Vegetable name - oil"
211/1999	Named animal fats	"Animal name - fat"
33/1981 (rev. 2- 2003)	Olive oils & olive pomace oils	"Olive oil" / "Olive pomace oil"
19/1981 (rev.2- 1999)	Edible fats & oils	"virgin fat" / "virgin oil" and "Cold pressed fat" / "Cold pressed oil"

Continue.....

Codex Compositional Standards for Fats & oils:

86/1981 (Rev. 1/2002)	Cocoa butter	"Cocoa butter", "Pressed cocoa butter"
A-1-1971 (Rev. 1-1999)	Butter	≥95% fat "Butter"
A-2-1973 last amended 2006	Milk fat products	"Anhydrous milk-fat", "Milk fat", "Anhydrous butter oil", "Butter oil" and "Ghee"
253/2006	Dairy fat spreads	"Dairy fat spread"
256/2007	Fat spreads & blended spreads	<80% fat "Margarine" 39-41% "Minarine" / "Halvarine"

Oils & Fats General Labelling Requirements

Turkey (Turkish Food Codex, communication No; 2002/58)

- Name of the ingredient class must be specified as;
- Refined oils (other than olive oil, pig fat, cattle fat);
- "Oil" together with the phrase "vegetable" or "animal" as appropriate
- ➤ With specific "vegetable" or "animal" origin
- The adjective "hydrogenated" must be declared for hydrogenated oil

Oils & Fats General Labelling Requirements

Saudi Arabia (GCC) (SASO 1/1995 = GCC 9/1995)

- Labelling relates to composition;
- Animal fats, and their product; the "animal name" must be legally permitted (e.g. pork fat is prohibited) and declared in the label
- Vegetable fats/oils; "vegetable name" must be declared

Oils & Fats General Labelling Requirements

Egypt (ES 1546/1984 as amended on 1989)

 In cases where the <u>imported</u> food product contains fatty substances;



> The "type of fat" must be declared





Oils & Fats

General Labelling Requirements

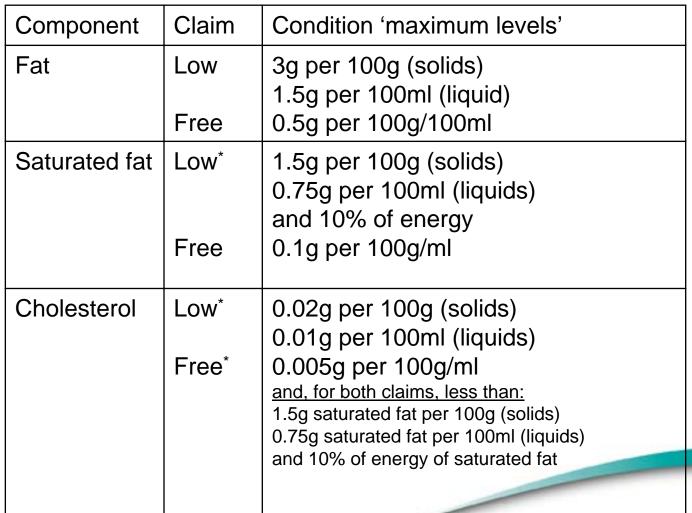
Iran (IS 2135/1994 [based on Codex])

Generic name should contain:

- ➤ Animal fats / oils
- ➤ <u>Vegetable</u> fats / oils

Codex Alimentarius (CAC/GL 23-1997, Rev. 1-2004)

Nutrient content claims





* In the case of the claim "low in saturated fat", transfatty acids should be taken into account where applicable. This provision consequentially applies to foods claimed to be "low in cholesterol" and "cholesterol free"

Codex Alimentarius



- Nutrient comparative claims "reduced", "less than", "fewer", "increased", "more than"
- Health claims –
- Nutrient function claims (e.g. Food X is a source of / high in nutrient A)
- Other function claims (e.g. Food Y contains x grams of substance A) and
- Reduction of disease risk claims (e.g. Food X is low / high in nutrient or substance A)



Turkey (Turkish Food Codex, communication No; 2002/58)

Nutrition claims

Component	Claim	Condition
Fat	Low	<3g per 100g (solids) <1.5g per 100ml (liquid)
	Free	<0.5g per 100g/100ml
Saturated fat	Low ¹	Not <1.5g per 100g (solids) Not <0.75g per 100ml (liquids) and <10% of energy
	Free	0.1g per 100g/ 100ml
Cholesterol	Low ¹	<0.02g per 100g (solids) <0.01g per 100ml (liquids)
	Free	<0.005g per 100g/ml Both claims, must meet the condition for low saturated fat

¹ Trans fatty acids must also be taken into account

Health & Nutrition Claims Turkey

Health claims

Health claim	Nutrient essential to health claim
-Low cholesterol, Low fat, Low saturated fatty acid will help to reduce coronary	-Low cholesterol
and heart diseases	-Low fat
-This foodstuffs contains Low cholesterol, Low fat,	-Low saturated fatty acid
Low saturated fatty acid	

Saudi Arabia (GCC), Egypt and Iran

 As far as we are aware, there are no national standards concerning health & nutrition claims

Codex Alimentarius requirements may apply

Codex Alimentarius [CAC/GL 2/1985 (amended 2006)]

- Nutrient declaration is:
- Mandatory if nutrition claims are made
- Voluntary for all other foods
- Where the claim relates to the <u>amount</u> and /or <u>type</u> of fatty acids or cholesterol, the following should be declared:
- Saturated fatty acids (in gram)
- Mono-unsaturated fatty acids (in gram)
- Poly-unsaturated fatty acids (in gram)
- Cholesterol (in milligram)
- Trans-fatty acid (in gram)
- Energy value, protein, carbohydrates, fibre, total fat (g) and nutrient for which a nutrition or health claim is made

Turkey (Turkish Food Codex, communication No; 2002/58)

- Nutrient declaration is:
- Voluntary in general
- Mandatory for special dietary foods and in case of foods declared to be subject to changes in their composition.

Nutrient labelling can be according to:

Group – 1

- Energy value
- Protein
- Fat

or Group – 2

- Energy value
- Protein
- CarbohydrateCarbohydrateSugar
 - Fat & Saturated fats
 - Fibre
 - Sodium

May also include:

- Starch & Polyols
- Mono-unsaturated fats
- Poly-unsaturated fats
- Cholesterol
- Minerals & vitamins



Saudi Arabia (GCC) (SASO 1/1995 or GCC 9/1995)

Nutritional labelling:

- Is generally preferred
- Is mandatory in case of foods for special dietary uses. The following information should be declared:
- Carbohydrates
- > Fats
- > Protein
- Dietary fibre
- Energy



Saudi Arabia (GCC) (SASO 1/1995 or GCC 9/1995)

- When <u>fortifying</u> with vitamins, mineral salts or any other dietary elements:
- Value of each dietary element shall be separately declared in the label in metric units:
- > g, mg, µg or IU
- > Energy shall be declared in Kilocalories



Egypt (ES 1546/1984 as amended on 1989)

- It is permissible to give nutrition declarations for any food product
- ➤ In case of fats, the following should be declared:
- Total fat content
- Amount of cholesterol in mg/100g of the product if animal fats are contained

Nutrition Labelling Iran

 There is no Iranian food standard concerning nutrition labelling

 Codex Alimentarius requirements may apply



<u>Allergens</u>

Codex Alimentarius

Known causing hypersensitivity foods & ingredients:

- Cereals containing gluten; i.e., wheat, rye, barley, oats, spelt or their hybridized strains and products of these;
 - Crustacea & products;
 - Eggs & products;
 - Fish & products;
 - Peanuts, soybeans & products;
 - Milk & products (lactose included);
 - Tree nuts & products;
 - Sulphite in concentrations of 10 mg/kg or more







Allergens Turkey



Allergenic ingredients must be clearly declared	Excluded products
-Soy beans and products thereof	-Refined soy bean oil
	-Soy bean origin tocopherols
	-Soy bean vegetable oils
	-Plant stanol ester produced from vegetable oil sterols from soy bean sources
-Celery and product thereof	-Celery leaf and celery seed oil
	-Celery seed oleoresin
-Mustard and products thereof	-Mustard oil
	-Mustard seed oil
	-Mustard seed oleoresin
-Sesame seeds and products thereof	
-Sulphur dioxide and sulphites (>10mg per kg/L)	

<u>Allergens</u>

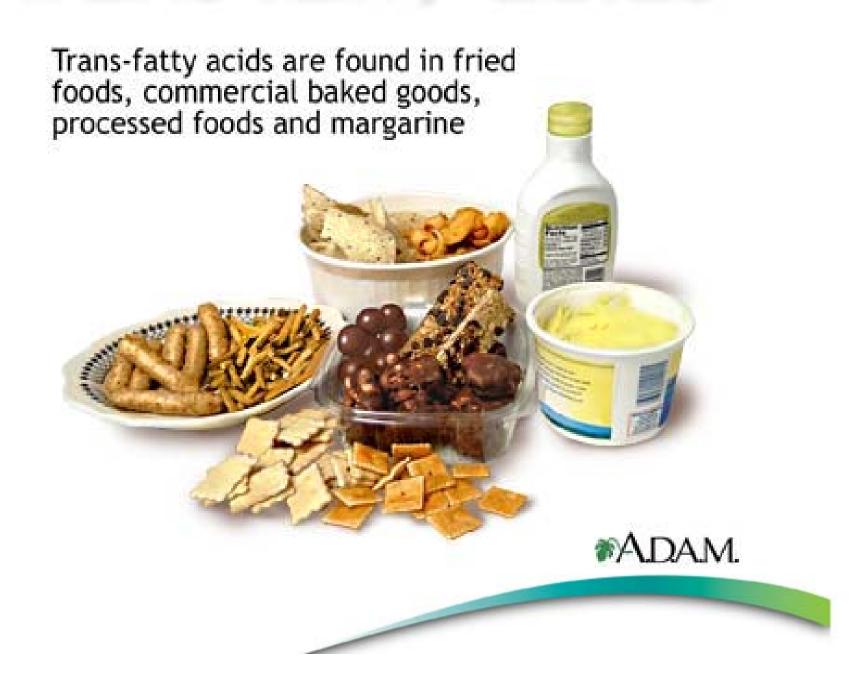
Saudi Arabia (GCC), Egypt and Iran



 As far as we are aware, there are no national food standards concerning allergens

 Codex Alimentarius requirements may apply

Trans-fatty acids



Trans-fatty acids updates

Codex Alimentarius

CODEX ALIMENTARIUS COMMISSION

Thirtieth Session
Rome, Italy, 2 - 7 July 2007 (ALINORM 07/30/26-Rev.)

- The Committee considered whether to develop condition for claims for trans fatty acids and include restrictions on both <u>saturated</u> and <u>trans</u> fatty acids in the conditions for comparative claims for these nutrients
- The Committee concluded that there was no support from members to initiate work in this area
- The maximum level "3%" of trans fatty acids was retained without square brackets and some editorial amendments were made for clarification purposes

CODEX ALIMENTARIUS COMMISSION

Thirty first Session
Geneva, Switzerland, 30 June - 5 July 2008 (ALINORM 08/31/26)

- Strategic Plan 2008-2013 of the CAC
- Food standards should promote and not impede the development of foods that are consistent with the Global Strategy
- Food standards can address some recommendations for diet in the Global Strategy:
- Limit energy intake from total fats
- Shift fat consumption away from;
- Saturated fats to unsaturated fats and
- > Towards elimination of trans-fatty acids etc.



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