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## Korea, Republic of

### Food and Agricultural Import Regulations and Standards

#### Subject Report: Recommended Criteria for Harmful Materials

**2006**

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**Report Highlights:**

The Korean Food & Drug Administration (KFDA) held their regular open forum on food safety and discussed operational measures for recommended criteria (standards) for harmful materials where standards are not established on September 13, 2006. This report explains how KFDA will use recommended criteria to establish standards.

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Includes PSD Changes: No  
Includes Trade Matrix: No  
Unscheduled Report  
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[KS]

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## Summary

The Korean Food and Drug Administration (KFDA) held their regular open forum on food safety and discussed operational measures for recommended criteria (standards) for harmful materials where standards are not established on September 13, 2006. One of KFDA's four food policy goals set in 2006 was to establish a "feel-safe food safety management system." As a result, KFDA has strengthened their monitoring and testing of harmful materials in order to establish standards.

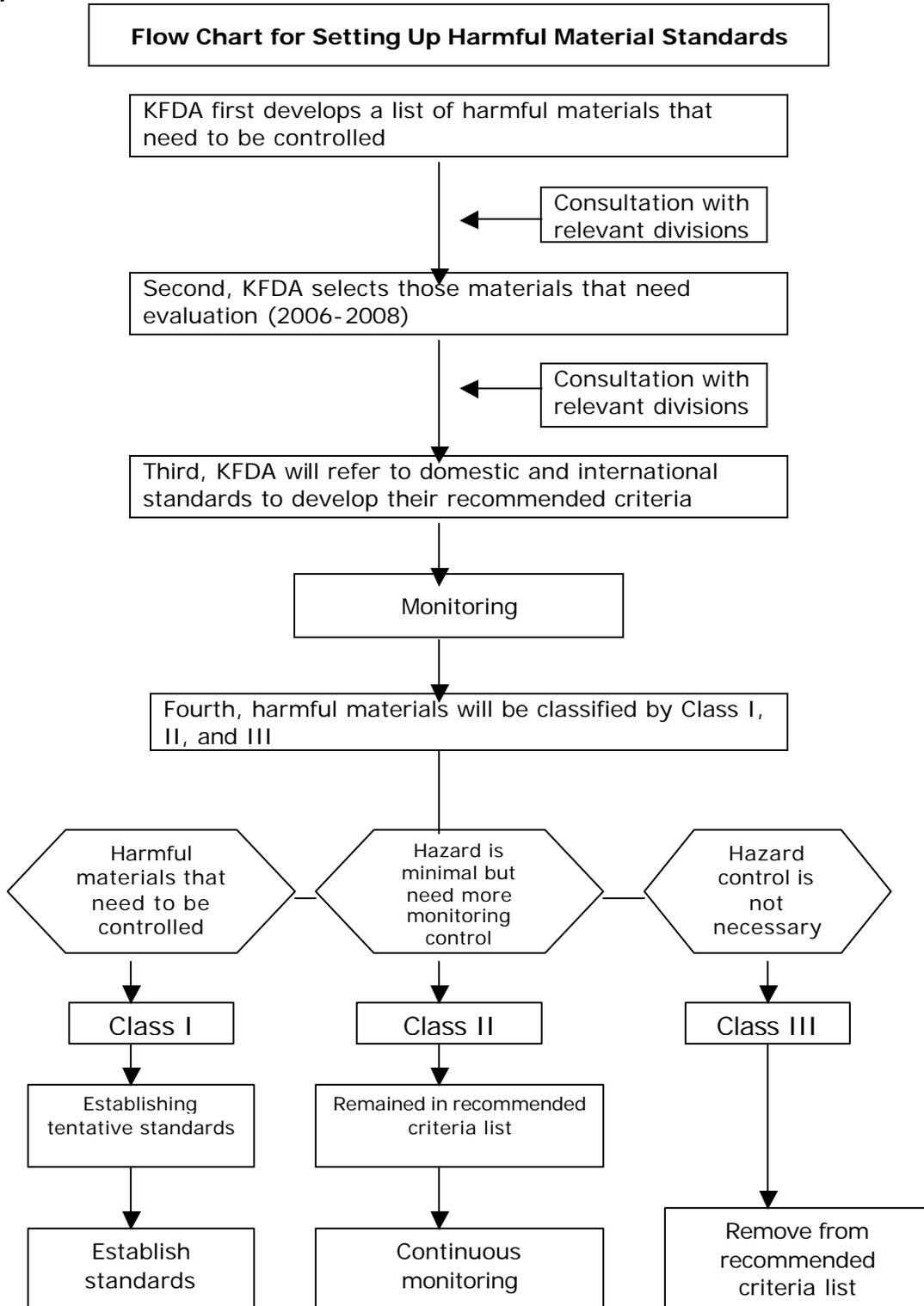
KFDA announced its program for developing recommended criteria for harmful materials on June 8, 2006. KFDA selected approximately 100 materials based upon input from relevant KFDA offices, past incidents associated with harmful materials, international standards, and foreign countries' standards. KFDA prioritized those materials according to local consumption patterns and in those instances where Korea does not have standards they incorporated those standards used by other countries including CODEX, the United States, the European Union, and Japan to make recommended criteria. KFDA will monitor the violations for six months to see which recommendations need to be dropped, legislated or monitored for a while longer.

For 2006, KFDA established 54 recommended standards for harmful materials in 48 food products that are largely consumed by Korean public but standards had not been previously established. Products where recommended standards are established are subject to monitoring and testing. Six regional KFDA offices started monitoring in June until December 2006 in order to establish baseline data. Based upon the test results, KFDA will advise local manufacturers and importers of their findings, especially if the test results exceed recommended standards. No administrative measure or penalties will be imposed on local manufacturers and importers whose products exceeded the recommended standards. If monitoring results show a repeated presence of a particular harmful material that exceeds recommended standards, KFDA will conduct a risk evaluation and may then decide to establish standards (standards that will result in administrative actions and penalties if violation is detected).

Depending on the monitoring results, products will be classified as either: Class I, Class II, and Class III. Class I will be products for which KFDA found many violations and KFDA will undergo the process for formalizing standards. For products classified under Class II, KFDA will continue monitoring the recommended level for a while longer. Class III will be products for which no separate hazard control measure is required and KFDA will likely delete it from the list. Food products subject to recommended standards and harmful materials will be changed and monitoring will continue for next three years.

Details about how to classify Class I, II, and III and recommended standards and products subject to such standards are provided in Appendix I and II of this report.

Appendix I



## Appendix II

List of harmful materials subject to recommended criteria and monitoring  
(June – December 2006)

No	Sample Collection 1)	Food Category	Hazard Material	Standards	Recommended Criteria	Remarks
1	Import (I)* Market (M)* 2)	Candies	Lead		0.5 mg/kg or below	
			Cyclamate	No Detection		
2	I, M	Tofu (bean curd), whole tofu, fried tofu, processed tofu (limited to	E-coli		Negative	I: packaged products M: Non-packaged products
3	M	Pressed olive oil (virgin olive oil)	Carbaryl		25 mg/kg or below	
			Fenthion		1 mg/kg or below	
			Methidathion		2 mg/kg or below	
4	M	Crude soybean oil	Carbaryl		0.2 mg/kg or below	
5	M	Crude cotton seed oil	Dicofol		0.5 mg/kg or below	
			Endosulfan		0.5 mg/kg or below	
			Fenamiphos		0.05 mg/kg or below	
			Methidathion		2 mg/kg or below	
			Parathion-methyl		10 mg/kg or below	
6	M	Crude corn oil	Carbaryl		0.1 mg/kg or below	
			Parathion-methyl		0.2 mg/kg or below	
7	M	Crude peanut oil	Pirimiphos-methyl		15 mg/kg or below	
8	I, M	Hydrogenated oil (shortening)	Trans fat		5% or below	
9	I, M	Hydrogenated oil (processed oil & fat)	Trans fat		5% or below	
10	I, M	Hydrogenated oil (margarine)	Trans fat		5% or below	
11	I, M	Peanut oil	Fenamiphos		0.05 mg/kg or below	

			Pirimiphos-methyl		15 mg/kg or below	
12	I, M	Cotton seed oil	Chlorpyrifos		0.05 mg/kg or below	
			Dicofol		0.5 mg/kg or below	
			Methomyl		0.04 mg/kg or below	
			Parathion-methyl		10 mg/kg or below	
13	I, M	Corn oil	Chlorpyrifos		0.2 mg/kg or below	
			Methomyl		0.02 mg/kg or below	
			Parathion-methyl		0.2 mg/kg or below	
14	I, M	Chrysanthemum tea (mum tea)	Cypermethrin		0.25 mg/kg or below	
			Bifenthrin		0.3 mg/kg or below	
			Chlorpyrifos		2.0 mg/kg or below	
			Fluquinconazole		0.5 mg/kg or below	
			Diazinon		0.5 mg/kg or below	
			Deltamethrin		0.05 mg/kg or below	
			Profenfos		0.25 mg/kg or below	
			Fenarimol		0.25 mg/kg or below	
15	I, M	Fruit juice (orange juice)	Spirodiclofen		0.6 mg/kg or below	
16	I, M	Fruit juice (grape juice)	Spirodiclofen		2.4 mg/kg or below	
17	I, M	Vegetable juice (tomato juice)	Carbaryl		3 mg/kg or below	
18	I, M	Soybean oil	Methomyl		0.2 mg/kg or below	
19	I, M	Milk formula	Salmonella ssp.	Negative		
20	I, M	Infant formula	Salmonella ssp.	Negative		
21	I, M	Follow up formula	Salmonella ssp.	Negative		
22	I, M	Grain formula for infant/ Baby	Salmonella ssp.	Negative		
23	I, M	Other infant / baby formula	Salmonella ssp.	Negative		
24	I, M	Soy sauce,	3-Monochloro-	0.3 mg/kg		

		etc.	propane-1,2-diol (MCPD)	or below for mixed or acid dissolved soy sauce		
25	I, M	Red pepper paste	Cyclamate	Not detected		
			Tar coloring, Sudan I, Orange II	Not detected		
26	I, M	Red pepper powder	Aflatoxin B1		10.0 µg/kg	
27	I, M	Shredded red pepper	Aflatoxin B1		10.0 µg/kg	
28	I, M	Dried red pepper's inner part	Aflatoxin B1		10.0 µg/kg	
29		Dried pepper's inner part	Aflatoxin B1		10.0 µg/kg	
30	I, M	Red pepper oil	Coloring (tar coloring, Sudan I, Orange II)	Not detected		
31	M	Kimchi, etc.	Parasite eggs	Not detected		
32	I, M	Wheat flour	Benzoyl peroxide	66 mg/kg or below		Grade shall be indicated on sample collection note and testing certificate
			Chlorpyrifos-methyl		1.0 mg/kg or below	
			Malathion		1.0 mg/kg or below	
33	I, M	Citrus peel (corium)	Carbofuran		2.0 mg/kg or below	
34	I, M	Fruit, vegetable puree /paste (apple puree)	Spirodiclofen		1.0 mg/kg or below	
			Thiacloprid		0.3 mg/kg or below	
			Novaluron		1.0 mg/kg or below	
35	I, M	Fruit, vegetable puree/paste (tomato paste)	Carbaryl		10 mg/kg or below	
36	I, M	Health functional food	Icarin	Not detected		
			Glibechlamide	Not detected		
			Gliclazide	Not detected		
			Vardenafil	Not detected		

			Hongdenafil	Not detected		
			Hydroxyhomo sildenafil	Not detected		
			Sildenafil	Not detected		
			Homosildenafil	Not detected		
			Aminotadarafil	Not detected		
			Tadarafil	Not detected		
			Pseudovadenafil	Not detected		
			Hydroxy hongdenafil	Not detected		
			Udenafil	Not detected		
			Fenfluramin	Not detected		
			N-nitrofenfluramin	Not detected		
			Thyroid hormones	Not detected		
			Preservatives	Not detected		Limited to liquid type products
37	I, M	Corn flour	Parathion-methyl		0.05 mg/kg or below	
38	I, M	Epoxy resin	Epichlorohydrin		0.5 mg/l or below	
39	I, M	Grain (wheat, rice, common millet, corn, millet)	Ochratoxin A			
40	I, M	Grain (rice, wheat) – excluding brown rice	Lead		0.2 mg/kg or below	
			Cadmium	0.2 mg/kg or below for rice	0.2 mg/kg or below for wheat	
41	I, M	Grain (common millet, corn, millet)	Lead		0.2 mg/kg or below	
			Cadmium		0.1 mg/kg or below	
42	I, M	Potatoes (Potato, sweet potato)	Lead		0.1 mg/kg or below	
43	I, M	Pulses (soybeans, kidney beans, adzuki beans)	Lead		0.2 mg/kg or below	
44	M	Fruits (cherry,	Lead		0.1 mg/kg or below	

		(cherry, grape, persimmon)	Cadmium		0.1 mg/kg or below	
45	M	Vegetables (leaf and stem vegetables)	Lead		0.3 mg/kg or below	
			Cadmium		0.2 mg/kg or below	
46	M	Vegetables (root vegetables)	Lead		0.1 mg/kg or below	
			Cadmium		0.1 mg/kg or below	
47	M	Vegetables (fruit vegetables)	Lead		0.1 mg/kg or below	
			Cadmium		0.1 mg/kg or below	
48	I, M	Dried berries (dried current, raisins, etc.)	Ochratoxin A		10.0 µg/kg	

## Notes:

1. Sample collection: Import (I: random sampling), Market (M: samples of imported and locally manufactured products that are sold in market)
2. 0.05 ppm or below of lead and 0.01 ppm or below of cadmium are treated as "ND (should not detected)."