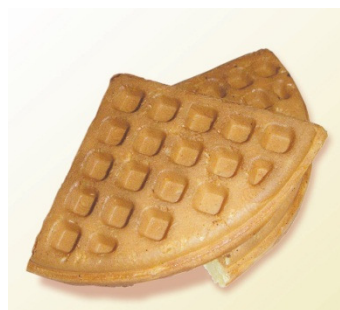


# Reducing the Use of Aluminium-containing Food Additives



## Trade Consultation Forum

5.10.2016

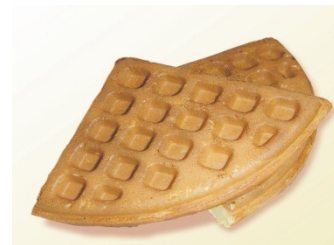
# Content

- Aluminium content in food
- Guidelines on the Use of Aluminium-containing Food Additives and communications with Trade
- Regulatory control on aluminium-containing food additives



# Aluminium Content in Food

- CFS released the report of a Risk Assessment Study on Aluminium (Al) in Food in May 2009
- **Summary of study findings**
  - Aluminium-containing food additives are widely used in the production of steamed bread/bun/cake (mean Al content : 100-320 mg/kg), some bakery products such as waffle (mean Al content : 180 mg/kg) and jellyfish (ready-to-eat form) (mean Al content: 1200 mg/kg)

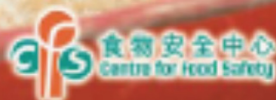


# Working with the Trade to reduce exposure to aluminium for the public

- A Working Group has been set up
  - To establish Guidelines for Traders' reference
  - Comprising representatives from the Trade and Academia
- Collect Traders' feedback on the draft Trade Guidelines via Trade Consultation Forum and CFS website
- Issued Trade Guidelines in June 2009



# **Guidelines on the Use of Aluminium- containing Food Additives**



**Released in June 2009**



# Guidelines on the Use of Aluminium-containing Food Additives

*Applicable to all manufacturers and producers  
(including restaurants and bakeries)*

## Basic Principles

### Principle 1:

- The use of aluminium-containing food additives should be **reduced or replaced with other alternatives** in preparing food as far as possible



# Guidelines on the Use of Aluminium-containing Food Additives

## Basic Principles

### Principle 2:

- **Alternative techniques** for food processing should be developed to reduce the use of aluminium-containing food additives



# Communicating with the Trade on Aluminium and Aluminium-containing Food Additives

Year	Channels
2009	15 <sup>th</sup> , 16 <sup>th</sup> & 17 <sup>th</sup> Trade Consultation Forum
	<i>Food Safety Express</i> distributed to all licensed food premises
	<i>Food Safety Focus</i> uploaded in CFS website
2012	37 <sup>th</sup> Trade Consultation Forum
2013	38 <sup>th</sup> Trade Consultation Forum
	Food Safety Seminar for Trade 2013
2014	43 <sup>rd</sup> Trade Consultation Forum





# Regulatory Control on Aluminium-containing Food Additives

## Update on Codex Latest Development

- In response to the latest revision of PTWI for aluminium to 2 mg/kg bw by JECFA (2011), there was a need to review the provisions for aluminium-containing food additives in the GSFA to ensure that their maximum use levels are compatible with the PTWI
- **Codex Committee on Food Additives**
  - Only numerical maximum levels (MLs) (expressed as aluminium basis) are set for aluminium-containing food additives
  - Revoked provisions and discontinued work on draft provisions for some aluminium-containing food additives
  - MLs have been lowered for some aluminium-containing food additives



# Regulatory Control on Aluminium-containing Food Additives

## Situation in HK

- Public Health and Municipal Services Ordinance
  - All food for sale in HK must be fit for human consumption



# Regulatory Control on Aluminium-containing Food Additives

## Situation in HK

- **Food and Drugs (Composition and Labelling) Regulations**
  - If a prepackaged food contains a food additive including aluminium-containing food additive, such additive should be specified on the label accurately in the prescribed manner stipulated in the Regulations
    - List out the specific name or INS number, and functional class of the food additives being used



# More Information

- **Risk Assessment Study on Aluminium in Food**
  - [http://www.cfs.gov.hk/english/programme/programme\\_rafs/programme\\_rafs\\_fa\\_01\\_06.html](http://www.cfs.gov.hk/english/programme/programme_rafs/programme_rafs_fa_01_06.html)
- **Total Diet Study Report on Metallic Contaminants**
  - [http://www.cfs.gov.hk/english/programme/programme\\_firm/programme\\_tds\\_1st\\_HKTDS\\_report5\\_Metallic\\_Contaminants.html](http://www.cfs.gov.hk/english/programme/programme_firm/programme_tds_1st_HKTDS_report5_Metallic_Contaminants.html)



# More Information

- Guidelines on the Use of Aluminium-containing Food Additives
  - [http://www.cfs.gov.hk/english/programme/programme\\_rafs/files/Guidelines\\_on\\_the\\_use\\_of\\_Al\\_additives\\_e.pdf](http://www.cfs.gov.hk/english/programme/programme_rafs/files/Guidelines_on_the_use_of_Al_additives_e.pdf)
- Codex General Standard for Food Additives (GSFA)
  - <http://www.codexalimentarius.org/standards/gsfa-online-food-additives/en/>
- “Standards for uses of food additives” in Mainland China (GB 2760-2014)
  - <http://www.nhfpc.gov.cn/sps/s3593/201412/d9a9f04bc35f42ecac0600e0360f8c89.shtml>



# Thank you

