

UNOFFICIAL

NOTIFICATION OF THE MINISTRY OF PUBLIC HEALTH

NO. 78 (1984)

RE: ICE

By virtue of the provision of Sections 5 and 6(1)(2)(6)(7) and (10) of the Food Act 1979, the Minister of Public Health hereby issues a notification as follows:

- Clause 1 The Notification of the Ministry of Public Health No. 19(1979), Re: Prescribing Ice as Specially Controlled Food and Prescribing Quality or Standard, Principals, Conditions and Manufacturing Processes of Ice for Sales or Sold. Prescribing Quality or Standard of Containers, the Use of Containers, Storage and Label, dated 13th September, 1979 shall be revoked.
- Clause 2 Ice shall be specially controlled food.
- Clause 3 Ice manufactured for sales for consumption shall use clean water conforming to the following standards :
- (1) Physical properties.
 - (a) Colour, not exceeding to 20 Hazen Units.
 - (b) Odour, odourless except chlorine odour.
 - (c) Turbidity, not exceeding to 5.0 Silica Scale.
 - (d) pH value, ranged 6.5 - 8.5.
 - (2) Chemical properties.
 - (a) Total solids, not exceeding to 500 mg. per 1 litre of clean water.
 - (b) Total hardness, computed as Calcium Carbonate, not exceeding to 100.0 mg. per 1 litre of clean water.
 - (c) Arsenic, not exceeding to 0.05 p.p.m.
 - (d) Barium, not exceeding to 1.0 p.p.m.
 - (e) Cadmium, not exceeding to 0.01 p.p.m.
 - (f) Chloride, computed as Chlorine, not exceeding to 250.0 p.p.m.
 - (g) Chromium, not exceeding to 0.05 p.p.m.
 - (h) Copper, not exceeding to 1.0 p.p.m.
 - (i) Iron, not exceeding to 0.5 p.p.m.

- (j) Lead, not exceeding to 0.1 p.p.m.
- (k) Manganese, not exceeding to 0.05 p.p.m.
- (l) Mercury, not exceeding to 0.002 p.p.m.
- (m) Nitrate, computed as Nitrogen, not exceeding to 4.0 p.p.m.
- (n) Phenol, not exceeding to 0.001 p.p.m.
- (o) Silinium, not exceeding to 0.01 p.p.m.
- (p) Silver, not exceeding to 0.05 p.p.m.
- (q) Sulphate, not exceeding to 250.0 p.p.m.
- (r) Zinc, not exceeding to 5.0 p.p.m.
- (s) Fluoride, computed as Fluorine, not exceeding to 1.5 p.p.m.
- (t) Chlorine residue, not exceeding to 0.5 p.p.m.

(3) Microbiological properties.

- (a) Coliform bacterial count, (using the Most Probable Number Method) less than 2.2 per 100ml. of clean water.
- (b) E. Coli bacteria shall not be found.
- (c) Free of pathogenic microorganism.

Clause 4 Ice as stipulated in Clause 3 shall be of the quality or standard of clean water and shall contain no contaminant in that ice.

Clause 5 Manufacturing process of ice stipulated in Clause 3 shall protect any external contaminants during the manufacturing process.

Clause 6 Pipes, ice molds and utensils for manufacturing which contact the clean water or ice shall be made of non toxic material, durable and easy to clean.

Clause 7 The surface of pipes, ice molds, and utensils for manufacturing which contact the clean water or ice shall be clean and not contaminated during the manufacturing process.

Clause 8 Manufacturing of ice for other purposes and not for consumption shall use clean water as stipulated in Clause 3 and may add other substances subject to the approval of the Office of Food

and Drug Administration. Manufacturing of ice as stipulated in para 1 may follow the prescribed manufacturing process as Clause 5 or other processes can be used but pipes, ice molds and utensils which contact the clean water or ice shall follow the Clauses 6 and 7.

Clause 9 Water which is used for cleaning pipes, ice molds, utensils which contact the clean water or ice and containers shall be the water of the same standard of water for manufacturing ice.

Water for drawing ice from ice molds shall be of the same standard as water for manufacturing ice.

Clause 10 Storage of ice, grain hull, saw dust, sacks, coconut peels, mats or other similar material shall not be used for covering or wrapping ice.

Clause 11 Storage place for ice as stipulated in Clause 3 for sales or sold shall be :

- (1) Clean and the level higher than walking path in the place.
- (2) Made of non toxic material and smooth surface which is easy for cleaning.
- (3) Of the characteristic which is easy for cleaning and can protect from external contamination.

Clause 12 Containers for ice as stipulated in Clause 3 for sales or sold shall be :

- (1) Clean and releasing no substance to contaminate the ice in quantity that may be hazardous to health.
- (2) Made of non toxic substance and smooth surface, easy for cleaning.
- (3) Of the characteristic which is easy for cleaning and can protect from external contamination.
- (4) Never used as container for other substances than ice and containing no illustrations, devices or other statements that it has been used for packing other substances.

Vehicle which is used as container shall be the container as (1) (2) and (3)

Clause 13 Ice as stipulated in Clauses 3 and 8 manufactured for sales or sold shall have label in Thai language, lettering shall be clearly legible and the size not smaller than 5 mm. on the container. The minimum contents of the text shall be as follows :

(1) Name and address of the ice factory.

(2) "Consumable ice" in blue or "Non consumable ice" in red either the case may be. The statement in para 1 shall not be enforced with the containers directly sold consumers.

This notification shall not effect the food licences issued under the Notification of the Ministry of Public Health No. 19 (1979), Re: Prescribing Ice as Specially Controlled Food and Prescribing Quality or Standard, Principals, Conditions and Manufacturing Processes of Ice for Sales or Sold. Prescribing Quality or Standard of Containers, the Use of Containers, Storage and Label, dated 13th September, 1979. The licence holder issued under the above mentioned Notification shall correct details of food as stipulated in this Notification within 90 days as of the effective date of this Notification.

This notification shall be enforced one hundred and eighty days as from the date of its publication in the Government Gazette henceforth.

Notified on the 16th January, 1984

(MARUT BOONNARK)
Minister of Public Health

(Government Gazette, Special Issue Vol. 101, part 23 dated 22nd February, 1984.)