

Death of Three Serves Warning To Those Canning Food at Home

By ROY O. GILBERT, M.D., Los Angeles County Health Officer

Botulism, one of the deadliest forms of food poisoning, recently claimed three lives in a Southern California family. Rarely found in high acid, high sugar food, the botulinus spores flourish in such non-acid foods as beans, and the like. Practically eliminated from commercially canned foods, the danger comes from foods that are canned at home.

Symptoms of botulism include double vision, constriction of the throat muscles, difficulty in speech, extreme weakness and prostration.

Many people say that there is nothing better than home-canned. Make them safe as well by using approved canning methods.

Prevention of botulism is simple enough. Food experts advise that the steam pressure method be used in the canning of low acid foods since it kills all botulinus spores. It is the spores that produce the deadly toxin so often fatal. Boiling will not kill them.

The spores are not the poisonous agent, however. It produces the poison. This poison, or toxin as it is sometimes called, can be rendered ineffective if the food in which it is present is boiled for 15 minutes. The food must be eaten shortly after it is boiled because the deadly spores soon begin to produce their hazardous substance once again.

A pressure of 240 degrees for ten minutes is sufficient to kill the botulinus spores during the canning process, according to experts on the subject. Boiling of home-canned low acid foods, prior to eating them, is recommended as an extra precaution.

Although non-acid foods are the greatest offenders, meats, sea foods and, rarely, even fruits and acid vegetables have been known to contain botulinus spores.

Botulism is fatal, in most instances, despite the excellent antitoxins that are now available. The poisons work swiftly. By the time the unlucky individual has become ill enough to call the doctor, who must in turn take some time to get at the facts, the central nervous system has become involved to a point where the antitoxin becomes of little value.

Public Notices

A weekly newspaper published, printed and circulated in the City of Torrance, and said newspaper is hereby designated for that purpose.

ATTEST: A. H. BARTLETT, City Clerk of the City of Torrance.

STATE OF CALIFORNIA, COUNTY OF LOS ANGELES, CITY OF TORRANCE.

AYES: COUCHMAN, Board. HAYES: COUCHMAN, None. ABSENT: COUCHMAN, None.

A. H. BARTLETT, City Clerk of the City of Torrance.

TORRANCE HERALD, NOTICE TO STOCKHOLDERS.

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TORRANCE HERALD, NOTICE OF PUBLIC SALE.

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public at that time and place and such bid aggregating \$100,000 or more must be accompanied by a certified cashier's check for not less than 5% of the total amount of the bid.

ATTEST: HAROLD J. OSTLY, City Clerk of the City of Los Angeles.

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encumbrances to pay the principal and interest thereon.

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lot 6, Tract No. 7873, Maps, Book 10, Page 10.

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additional evidence in connection therewith is the sum of one hundred thirty thousand dollars (\$130,000).

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precinct No. 13: Polling place: 909 Cota Avenue.

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