



Health
Canada

Santé
Canada

Health Products
and Food Branch

Direction générale des produits
de santé et des aliments

Bureau of Chemical Safety
Sir Frederick Banting Bldg.
Tunney's Pasture
Postal Locator: 2201D
Ottawa, Ontario
K1A 0L2

December 17, 2002

Our Files: IS02100202 to IS02100204

Dori Dagher, B. Sc.
Chemist/President
2799 rue Botham
Saint Laurent, Québec
H4S 1H8

Dear Mr. Dagher:

RE: BIOXY, BIO CULTURE and BIO SCIENCES

This has reference to your letter of September 23, 2002 and your fax of November 27, 2002 regarding the acceptability of the subject products for use in food processing plants.

Please note that Mr. Kwong has now retired from the government. Future correspondence should be sent to Mr. Michel Pelletier who is the Section Head of the Food Packaging Materials and Incidental Additives Section.

BIOXY

Based on the information submitted, we can advise that we see no reason to object to the use of this cleaner in food plants provided that:

- a) there will be no contamination of food as a result of its use;
- b) equipment or surfaces subject to direct contact with food are thoroughly rinsed with potable water after treatment with the product.

We recommend that the dilution factor be included on the label, under directions for use.

BIO CULTURE, BIO SCIENCES

Based on the information submitted, we can advise that we see no reason to object to the use of these products in food plants provided that:

- a) they are used as waste digestants in grease traps or drain systems in locations physically away for food processing or storage areas in the plant or in areas outside the food plant environment;
- b) the strains of bacteria are non-toxigenic, non-pathogenic and not genetically engineered;
- c) all lots of the products for use in the food plant environment are free of pathogens and indicator microorganisms such as *E. Coli*, *Salmonella*, *Pseudomonas aeruginosa* and *B.cereus*. Each lot should be analysed by qualified microbiologists using recognised test methods and acceptable sampling criteria and test results should accompany the products scheduled to be used;
- d) the use of these products in drain systems in proximity to food handling in the plant must be restricted to plant shut-down periods when processing of food is not being undertaken. Any possibility of food contamination as a result of aerosolization in the application of the product must be avoided;
- e) the products are washed down by using potable water after treatment prior to reloading the sinks; as sink surfaces can potentially become food contact surfaces.

The labels of both products are deemed acceptable for their use in food plants.

We trust this is satisfactory.

Yours truly,



Sonia Roussel
Food Packaging Materials and
Incidental Additives Section
Chemical Health Hazard Assessment Division