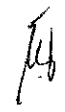


8 DEC -9 P2:06

SENATE
S. B. No. 2954

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Introduced by Senator Miriam Defensor Santiago

EXPLANATORY NOTE

Phosphorus, along with nitrogen, is a nutrient that, when added to freshwater lakes or rivers, stimulate excessive growth of algae and vegetation. This is a process, called "*eutrophication*", which severely damages water quality and ruin aquatic ecosystems.

In most freshwater lakes and rivers, phosphorus is the "limiting nutrient:" More phosphorus means more algae growth. Excess loading of phosphorus into streams, lakes or rivers can cause drastic changes in water quality, including reduction in dissolved oxygen supplies, major changes in algae species and associated macro-invertebrate communities, algae blooms and associated foam and odors.

Phosphorus in dishwashing detergents is currently a significant source of water pollution. It fosters unhealthy growth of algae and can seriously reduce dissolved oxygen. Dissolved oxygen is an important component of most healthy aquatic ecosystems.

Eliminating phosphorous in dishwasher detergents is a step to preserve the natural ecosystems of our lakes and rivers. This bill regulates the sale and manufacture of cleaning agents that contain phosphorous as a measure to preserve the bionetwork of our rivers and lakes.


MIRIAM DEFENSOR SANTIAGO

FOURTEENTH CONGRESS OF THE REPUBLIC)
OF THE PHILIPPINES)
Second Regular Session)

8 DEC -9 P2:06

SENATE
S. B. NO. 2954

RECEIVED BY

Introduced by Senator Miriam Defensor Santiago

1 AN ACT
2 REGULATING THE DISTRIBUTION FOR SALE OR USE OF CLEANING AGENTS
3 WHICH CONTAIN PHOSPORUS
4

5 *Be it enacted by the Senate and the House of Representatives of the Philippines in*
6 *Congress assembled:*
7

8 SECTION 1. *Short Title.* - This Act may be known as the “*Envi-Protection*
9 *Cleaning Agents Act*”.

10 SECTION 2. *Definition.* - For the purposes of this Act, “*Cleaning Agent*” means a
11 laundry detergent, dishwashing compound, household dishwashing detergent, household
12 cleaner, metal cleaner, industrial cleaner, phosphate compound or other substance that is
13 intended to be used for cleaning purposes.
14

15 SECTION 3. *Prohibition.* - A person shall not sell, offer for sale, or distribute for
16 sale or use a cleaning agent that contains phosphorus in any form in excess of 8.7% by
17 weight expressed as elemental phosphorus.
18

19 It shall also be unlawful for a person to sell, offer for sale, or distribute for sale or
20 use either of the following cleaning agents if they contain phosphorus in any form in
21 excess of 0.5% by weight expressed as elemental phosphorus:
22

23 (a) a cleaning agent intended for use in household Dishwashers;
24

25 (b) a cleaning agent that is intended for use with detergent in household clothes
26 washing machines.
27

28 SECTION 4. *Penalties.* - (a) Any person who shall violate any provision of
29 Section 3 of this Act shall upon conviction, be subject to a fine of not less than One
30 thousand pesos (P10,000.00) but not more than fifty thousand pesos (P50,000.00) or

31 imprisonment of not less than two (2) months but not more than one (1) year, or both
32 upon the discretion of the court.

33

34 If the offender is an alien, he shall be deported after service of sentence and
35 payment of fine without further deportation proceedings.

36

37 (b) In case the offender is a naturalized citizen, he shall, in addition to the penalty
38 prescribed herein, suffer the penalty of cancellation of his naturalization certificate and its
39 registration in the civil register and immediate deportation after service of sentence and
40 payment of fine.

41

42 (c) Any director, officer or agent of a corporation who shall authorize, order or
43 perform any of the acts or practices constituting in whole or in part a violation of Section
44 3, shall be subject to penalties to which that corporation may be subject.

45

46 (d) In case the violation is committed by, or in the interest of a foreign juridical
47 person duly licensed to engage in business in the Philippines, such license to engage in
48 business in the Philippines shall immediately be revoked.

49

50 SECTION 5. *Separability Clause.* – If any provision or part thereof, is held
51 invalid or unconstitutional, the remainder of the law or the provision not otherwise
52 affected shall remain valid and subsisting.

53

54 SECTION 6. *Repealing Clause.* – Any law, presidential decree or issuance,
55 executive order, letter of instruction, administrative order, rule or regulation contrary to,
56 or inconsistent with the provisions of this Act is hereby repealed, modified or amended
57 accordingly.

58

59 SECTION 7. *Effectivity Clause.* – This Act shall take effect fifteen (15) days
60 after its publication in at least two (2) newspapers of general circulation.

61

62 Approved.