

1 TO THE HOUSE OF REPRESENTATIVES:

2 The Committee on Fish, Wildlife and Water Resources to which was  
3 referred House Bill No. 4 entitled “An act relating to prohibiting the  
4 manufacture or sale of personal care products and over-the-counter drugs  
5 containing microbeads” respectfully reports that it has considered the same and  
6 recommends that the bill be amended by striking out all after the enacting  
7 clause and inserting in lieu thereof the following:

8 Sec. 1. FINDINGS

9 The General Assembly finds:

10 (1) Microbeads are a synthetic alternative ingredient in personal care  
11 products and over-the-counter drugs that are used in place of natural materials  
12 such as ground almonds, oatmeal, and pumice.

13 (2) Microbeads are found in over 100 personal care products and  
14 over-the-counter drugs that are sold in the State and that ultimately are flushed  
15 down drains as part of the intended use of the product.

16 (3) Most municipal wastewater treatment plants in the State do not  
17 effectively filter microbeads from water discharged to rivers and lakes.

18 (4) Plastic microbeads are persistent organic compounds that attract  
19 other pollutants commonly present in the environment, many of which are  
20 recognized to have serious deleterious impacts on human health or the  
21 environment, including dichlorodiphenyltrichloroethane (DDT),

1 dichlorodiphenyldichloroethylene (DDE), polychlorinated biphenyl (PCBs),  
2 and flame-retardants.

3 (5) Chemicals from plastics, such as PCBs, polycyclic aromatic  
4 hydrocarbons (PAHs), and polybrominated diphenyl ethers (PBDEs), transfer  
5 to fish tissue during digestion, bioaccumulate, and result in liver damage.

6 (6) Fish consumed by humans have been found to have ingested plastic  
7 microbeads.

8 (7) There are economically feasible alternatives to plastic microbeads,  
9 as indicated by the current use of biodegradable, natural, and abrasive  
10 materials in many consumer personal care products.

11 (8) Updating municipal wastewater treatment plants so that they  
12 effectively filter microbeads likely would be costly and take many years.

13 (9) To prevent the continued harmful effects of microbeads on State  
14 waters without expending significant time and money to update wastewater  
15 treatment plants, synthetic microbeads should be banned from manufacture and  
16 sale in the State.

17 Sec. 2. 10 V.S.A. chapter 47, subchapter 5 is amended to read:

18 Subchapter 5. Detergents ~~and~~ Household Cleansing Products,  
19 and Personal Care Products

20 § 1381. DEFINITIONS

21 As used in this subchapter:

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(2) “Household cleansing product” means any product, including ~~but not limited to~~ soaps and detergents used for domestic or commercial cleaning purposes, including ~~but not limited to~~, the cleansing of fabric, dishes, food utensils, and household and commercial premises. Household cleansing product shall not mean:

(A) ~~Food~~ food, drugs, and cosmetics, including personal care items such as toothpaste, shampoo, and hand soap;

(B) ~~Products~~ products labeled, advertised, marketed, and distributed for use primarily as economic poisons as defined in 6 V.S.A. § 911(5).

\* \* \*

(7) “Biodegradable” means the capability of a substance to break down completely in the natural environment that the substance is likely to encounter within 24 months of its disposal, through a biological process of decomposition into elements or compounds commonly found in that environment.

(8) “Over-the-counter drug” means a compound, substance, or preparation that contains a label that identifies the product as a drug, as required by 21 C.F.R. § 201.66, and that includes a drug facts panel or a statement of the active ingredient or ingredients contained in the compound, substance, or preparation.

1           (9)(A) “Personal care product” means any article intended to be rubbed,  
2           poured, sprinkled, or sprayed on, introduced into, or otherwise applied to the  
3           human body or any part thereof for cleansing, beautifying, promoting  
4           attractiveness, or altering the appearance, and any article intended for use as a  
5           component of any such article.

6           (B) “Personal care product” shall not include any prescription drug,  
7           as that term is defined in 18 V.S.A. § 4201(41).

8           (10) “Plastic” means a synthetic material made from linking monomers  
9           through a chemical reaction to create an organic polymer chain that can be  
10           molded or extruded at high heat into various solid forms retaining their defined  
11           shapes during life cycle and after disposal.

12           (11) “Synthetic plastic microbead” means an intentionally added  
13           nonbiodegradable solid plastic particle less than five millimeters in size.

14       § 1382. PROHIBITIONS; HOUSEHOLD CLEANING PRODUCTS

15           (a) No household cleansing products containing a phosphorus compound in  
16           concentrations in excess of a trace quantity may be distributed, sold, offered  
17           for sale at retail or wholesale, exposed for sale at retail or wholesale, or used in  
18           a commercial establishment in this ~~state~~ State, except as set forth in  
19           subsections (b) and (c) of this section.

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1     § 1383a. PROHIBITIONS; PERSONAL CARE PRODUCTS;

2     OVER-THE-COUNTER DRUGS; MICROBEADS

3         (a) Manufacture of personal care products. Beginning on December 31,  
4         2017, no person shall manufacture in the State a personal care product that  
5         contains synthetic plastic microbeads, except for an over-the-counter drug.

6         (b) Sale of personal care products. Beginning on December 31, 2018, no  
7         person shall sell, offer for sale, offer for promotion, or otherwise distribute in  
8         the State a personal care product that contains synthetic plastic microbeads,  
9         except for an over-the-counter drug.

10         (c) Manufacture of over-the-counter drugs. Beginning on December 31,  
11         2018, no person shall manufacture in the State an over-the-counter drug  
12         containing synthetic plastic microbeads.

13         (d) Sale of over-the-counter drugs. Beginning on December 31, 2019, no  
14         person shall sell, offer for sale, offer for promotion, or otherwise distribute in  
15         the State an over-the-counter drug that contains synthetic plastic microbeads.

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17     Sec. 3. EFFECTIVE DATE

18         This act shall take effect on July 1, 2015.

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4 (Committee vote: \_\_\_\_\_)

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Representative \_\_\_\_\_

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FOR THE COMMITTEE