

**AMENDMENT IN THE NATURE OF A SUBSTITUTE**  
**TO H.R. 3199**  
**OFFERED BY MR. SENSENBRENNER OF**  
**WISCONSIN**

Strike all after the enacting clause and insert the following:

**1 SEC. 1. DEFINITIONS.**

2 In this Act:

3 (1) ADMINISTRATOR.—The term “Adminis-  
4 trator” means the Administrator of the Environ-  
5 mental Protection Agency.

6 (2) MID-LEVEL ETHANOL BLEND.—The term  
7 “mid-level ethanol blend” means an ethanol-gasoline  
8 blend containing 15 or 20 percent ethanol by volume  
9 that is intended to be used in any conventional gaso-  
10 line-powered motor vehicle or nonroad vehicle or en-  
11 gine.

**12 SEC. 2. EVALUATION.**

13 (a) IN GENERAL.—Prior to the implementation of  
14 any waiver, partial waiver, decision, or further action pur-  
15 suant to current law related to mid-level ethanol blends,  
16 the Administrator, acting through the Assistant Adminis-

1 trator of the Office of Research and Development at the  
2 Environmental Protection Agency, shall—

3           (1) not later than 45 days after the date of en-  
4 actment of this Act, enter into an agreement with  
5 the National Academy of Sciences to provide, within  
6 18 months after the date of enactment of this Act,  
7 a comprehensive assessment of the scientific and  
8 technical research on the implications of the use of  
9 mid-level ethanol blends, comparing mid-level eth-  
10 anol blends to gasoline blends containing both 10  
11 percent and zero percent ethanol; and

12           (2) not later than 30 days after receiving the  
13 results of the assessment under paragraph (1), sub-  
14 mit a report to the Committee on Science, Space,  
15 and Technology of the House of Representatives on  
16 the findings of the assessment, together with the  
17 agreement or disagreement of the Administrator  
18 with each of its findings.

19           (b) CONTENTS.—The assessment performed under  
20 subsection (a)(1) shall—

21           (1) evaluate the short-term and long-term envi-  
22 ronmental, safety, durability, and performance ef-  
23 fects of the introduction of mid-level ethanol blends  
24 on onroad, nonroad and marine engines, onroad and  
25 nonroad vehicles, and related equipment. Such eval-

1 uation shall include a review of all available scientific  
2 evidence, including all relevant government and in-  
3 dustry data and testing, including that relied upon  
4 by the Administrator and published at 75 Fed. Reg.  
5 68094 et seq. (November 4, 2010), 76 Fed. Reg.  
6 4662 et seq. (January 26, 2011), and 76 Fed. Reg.  
7 44406 et seq. (July 25, 2011), gaps in under-  
8 standing, and research needs related to—

- 9 (A) tailpipe emissions;
- 10 (B) evaporative emissions;
- 11 (C) engine and fuel system durability;
- 12 (D) onboard diagnostics;
- 13 (E) emissions inventory and other mod-  
14 eling effects;
- 15 (F) materials compatibility;
- 16 (G) operability and drivability;
- 17 (H) fuel efficiency;
- 18 (I) catalyst durability; and
- 19 (J) durability of storage tanks, piping, and  
20 dispensers for retail;

21 (2) identify areas of research, development, and  
22 testing necessary to—

- 23 (A) ensure that existing motor fuel infra-  
24 structure is not adversely impacted by mid-level  
25 ethanol blends, including an examination of po-

1           tential impacts of mid-level ethanol blends on  
2           metal, plastic, rubber, or any other materials  
3           used in pipes or storage tanks; and

4           (B) reduce the risk of misfueling by users  
5           at various points in the distribution and supply  
6           chain, including at bulk storage, retail storage,  
7           and distribution configurations by—

8           (i) assessing the best methods and  
9           practices to prevent misfueling; and

10          (ii) examining the technical standards  
11          and recommendations of the National In-  
12          stitute of Standards and Technology, the  
13          American National Standards Institute,  
14          and the International Organization for  
15          Standardization regarding fuel pump label-  
16          ing.

17 **SEC. 3. AUTHORIZATION OF APPROPRIATIONS.**

18          In order to carry out this Act, the Administrator shall  
19          utilize up to \$900,000 from the funds made available for  
20          science and technology, including research and develop-  
21          ment activities, at the Environmental Protection Agency.

