

U. S. ATOMIC ENERGY COMMISSION
BY-PRODUCT MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with application dated March 29, 1966	
1. Name	Tenneco Chemicals, Inc.	3. License number	29-09898-01 is amended in its entirety to read as follows:
2. Address	Heyden Division 290 River Drive Garfield, New Jersey 07026	4. Expiration date	April 30, 1968
		5. Reference No.	
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time	
A. Hydrogen 3	A. Foil Contained in Detector cells (Wilkins Model 02-104)	A. Not to exceed 250 millicuries per cell	

9. Authorized use
A. To be used with Wilkens Instrument and Research, Inc., Model 600 gas chromatography device, with Model 550-B oven, for sample analysis.

CONDITIONS

- 10. Unless otherwise specified, the authorized place of use in the licensee's address stated in Item 2 above:
- 11. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation."
- 12. Byproduct material shall be used by, or under the supervision of, I. B. Wakeman.
- 13. A. Detector cells containing Hydrogen 3 foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
B. Foils containing Hydrogen 3 shall not be removed from the detector cell(s) by the licensee.

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Supplementary Sheet

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(D68)

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Amendment No. 1

CONDITIONS

- 14. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated March 29, 1966.

For the U. S. Atomic Energy Commission
Original Signed by
Robert E. Brinkman

by Isotopes Branch
Division of Materials Licensing
Washington, D. C. 20545

Date APR 21 1966

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