Iowa Science Teachers Journal

Volume 16 | Number 3

Article 11

1979

Energy Kits

Follow this and additional works at: https://scholarworks.uni.edu/istj



Part of the Science and Mathematics Education Commons

Let us know how access to this document benefits you

Copyright © Copyright 1979 by the Iowa Academy of Science

Recommended Citation

(1979) "Energy Kits," Iowa Science Teachers Journal: Vol. 16: No. 3, Article 11. Available at: https://scholarworks.uni.edu/istj/vol16/iss3/11

This Article is brought to you for free and open access by the IAS Journals & Newsletters at UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Offensive Materials Statement: Materials located in UNI ScholarWorks come from a broad range of sources and time periods. Some of these materials may contain offensive stereotypes, ideas, visuals, or language.

 The Merck Index, ninth edition, Martha Windholz, Editor; Merck and Co., Inc., Rahway, N.J.: item 4691 Hydrogen Peroxide and item 4693 Hydrogen Peroxide Solution, 30%.

 Hydrogen-peroxide vapor explosions; determination of explosive composition. Charles N. Satterfield, George M. Kavanagh, Ralph N. Kingsbury, and Hyman Resnick. (Mass. Inst. of Tech., Cambridge). J. Am. Chem. Soc. 72, 5308-9 (1950).

 Explosive characteristics of hydrogen peroxide vapor. Charles N. Satterfield, George M. Kavanagh, and Hyman Resnick (Mass. Inst. Technol., Cambridge). Ind. Eng. Chem. 43, 2507-14 (1951).

 Ignition limits of hydrogen peroxide vapor. Charles N. Satterfield, Peter J. Ceccotti, and Alonzo H.R. Reldbrugge (Mass. Inst. Tech., Cambridge). Ind. Eng. Chem. 47, 1040-3 (1955).

 Sax, N. Irving. Dangerous Properties of Industrial Materials, 1968, third edition, Van Nostrand Reinhold Company, 430 Park Avenue, New York, N.Y. 10022.

 Thermal decomposition of hydrogen peroxide vapor. Eiji Suito. J. Electrochem. Soc. Japan 17, 156-60 (1949).

The vapor-phase photodecomposition of hydrogen peroxide. David H. Volman (U. Calif., Davis) J. Chem. Phys. 17, 947-50 (1949).

12. White, Handler, Smith. Principles of Biochemistry, fifth ed. McGraw-Hill (1973).

Under a new policy announced by the Charles Edison Fund, the famous Edison Teaching Kits (used effectively in more than 13,000 classrooms) are again available to teachers and school librarians.

Energy Kits

The new policy limits kits to one per teacher or librarian, each request to be accompanied by 50 cents to cover postage and handling. Mail requests to Charles Edison Fund, 101 South Harrison St., East Orange, New Jersey 07018.

The kit is ideal for grades five through junior high. The seven how-to-booklets currently in the kit are Energy Conservation You Can Do from Edison; Alternative Energy Sources Experiments You Can Do; Environmental Experiments from Edison; Nuclear Experiments You Can Do; Electrical Experiments You Can Do From the Diary of Michael Faraday; Edison Inventions and Related Projects; and Selected Experiments and Projects from Edison.

Simple directions, inexpensive and easily obtainable material spark pupil participation. Kits are available only to schools within the United States.