

63-18238

Avramenko, L. I., Gerber, M. I., Neiman, M. B.,
and Shushunov, V. A.

A KINETIC METHOD OF PHYSICO-CHEMICAL
ANALYSIS. I. KINETICS OF REACTION BETWEEN
LEAD-SODIUM ALLOYS AND ETHYL CHLORIDE
VAPORS. [1963] [30p] (3 figs. omitted) 15refs
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DESCRIPTORS: *Reaction kinetics, *Lead alloys,
*Sodium alloys, *Ethyl radicals, *Chlorides, Vapors,
Catalysis

1. Title: Ethyl chlorides
2. Title: Tetraethyl lead
1. Avramenko, L. I.
- II. Gerber, M. I.
- III. Neiman, M. B.
- IV. Shushunov, V. A.
- V. Title: Kinetics...

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(Chemistry--Physical, TT, v. 10, no. 11)

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(Chemistry--Physical, TT, v. 6, no. 2)

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Reaction products of the ethyl radical and molecular
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oxide or acetaldehyde and hydroperoxide. The surface
condition of the reaction chamber strongly influences
the direction of reaction of $C_2H_5 + O_2$. The formation
of ethylene oxide from the reaction of the ethyl radical
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reaction vessel treated with discharge products in
water vapor. The interaction of an ethyl radical with
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