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UCRL Tr 1260(L)

Sci - Math
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TT-64-10770

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AT VARIOUS PRESSURES. [1963] 16p (figs omitted)

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Order from OTS, SLA, or ETC \$1.60 TT-64-10770

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v. 4, no. 1, p. 92-102.

DESCRIPTORS: *Explosive gases, Gases, Mixtures,
Hydrogen, Chlorine, Bromine, Carbon compounds,
Sulfides, Monoxides, Oxygen, Ethanes, Propenes,
Pentanes, Explosions, *Ignition, Pressure.

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AEC Tr 1325

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Order from OTS or SLA \$1.60 61-18074

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v. 6, p. 130ff (also pub. in mono. Lebedev, S. V.,
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DESCRIPTORS: Butadienes, Polymerization, Reaction
kinetics, Temperature, Velocity, Oxygen

Thermal polymerization of butadiene within the temper-
ature interval of 110-200° was investigated, and reac-
tion velocity curves obtained for each temperature. It
was established that the order of the reaction changes
with change of the temperature of the experiment. The
average order of the reaction determined according to
van't Hoff is approximately 1.5. The accelerating effect
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DESCRIPTORS: *Fertilizers, *Minerals, Manufacturing
methods, Electrolysis, Theory, Electrochemistry,
Electrolytic cells, *Carnallite.

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

TT-64-10728

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The Possibility of Obtaining Atoms of Sulfur and Phosphorus Outside of a Discharge, by N. M. Gopshtein, S. Z. Roginskiy, 6 pp.

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Diffusion of Metals in the Solid State as
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*CFSTI TT 70-57027

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TT-64-10570

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Order from OTS, SLA, or ETC \$1.10 TT-64-10570

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DESCRIPTORS: *Glass, Sodium compounds, Boron
compounds, Oxides, Phase studies, Mechanical
properties, Melting, Physical chemistry.

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Ext Sci Tr Center RT-2845

Scientific - Chemistry; Min/Metals
Jan 56 CTS/dex

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Sci
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NLL 5828.4F (11856)

Sci - B&M

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JPRS 7048)

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Sec 60

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CTS 77-63-20744
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RT-1798

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K-H-2867 22.

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Plameni). [1961] 11 p. (formulas omitted) 8 refs.
Order from OTS or SLA \$1.60 62-10348

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1938
[v. 12] no. 1 [p. 100-105]

DESCRIPTORS: *Flame propagation, *Combustion,
Reaction kinetics, Thermal conductivity, Chemical
reactions, Thermal expansion, Thermal diffusion,
Thermodynamics.

(Unannounced)

62-10348

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Bio Lab T-500-1

R-7938-D
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By: Zhikhovitskiy

From: Zhurnal Fizicheskoy Khimii V. XII No 3, 1939
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16 pp.

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SLA/R-2451

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ATS RJ-5015

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Scientific - Chemistry

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Investigation of a Flame of CO and O₂, by
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SLA R-2867

Sci

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6 pp.

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*CFSTI TT 70-57028

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SLA R-3355

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Thermodynamic Relations between the Dissociation Pressure and the Solubility of Strong Complex Electrolytes, by I. G. Ryss, 5 pp.

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SLA R-2647

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TRI 62-185

Photochemical Decomposition of Ammonia Adsorbed on
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V. Beloselvskiy.

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SLA R-2178

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Study of the Structure of the Fibro Surface by
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Sci - Phys

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Heterogeneous Catalysis of H₂O₂ by Manganese
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