

The Action of Alkyl Halides on Sodium, Potassium,  
and Silver Salts of Dialkyl Hydrogen Thiophosphates.  
Part 2, by A. E. Arbuzov, O. M. Shapshinskaya,

RUSSIAN, per, Trudy Kazan Khim-Tekhnol Inst im S. M.  
Kirova, No 18, pp 8-21.

1953  
ATS RJ-1650

Sci - Chem

Jul 59

90,835

The Determination of Eddy Viscosities in  
Turbulent Flow in Channels of Rectangular  
Cross-Section, by N. M. Zhavoronkov, A. M.  
Nikolayev.

RUSSIAN, per, Trudy Kazan Khim-Tekh  
Inst., Vol XXI, 1956, pp 177-193.

MLL M.4295

Sci - Engr

193,899

Apr 62

Effect of Ultrasound on Nitroparaffin-  
Carbonyl Condensation, by L. M. Kozlov,  
V. I. Burmistrov, 5 pp.

RUSSIAN, per, Trudy Kazanskogo Khimiko-  
Tekh Instituta imeni S. M. Kirova, No 26,  
1959, pp 63-66. 9679797

FTD-TT-62-1261

Sci-Phys  
Mar 63

224,726

Polymeric Organophosphorus Compound Stabilisers,  
by V. Kh. Kadyrova, et al.  
RUSSIAN, per, Tr. Kazan. Khim. Tekh. Inst. No 30,  
1962, pp 58-62.  
NLL Ref: 5828.4F (12846)

*NTC 69-11318-07C*

Sci/Nat  
Mar 69

376,930

Bioecology of the Fungus Fomitopsis Annosa (FR) Karst.  
in the Fir Forests of the Altai, by A. M. Solov'yev,  
26 pp.

RUSSIAN, per, Trudy Kazakhskogo Nauchno-Issledovatel'skogo  
Instituta Lesnogo Khozyaistva, Vol 4, 1963, pp 296-319.

NTIS TT 70-50132

July 71

Voltampere Investigation of Anode Behavior of Zinc  
in Aqueous Solutions, by G. S. Vozdvizhenskiy and  
E. D. Kochman

RUSSIAN, per, Trudy KKhTI, No 30, 1962, pp 240-252

\*ACSI J-3285

ID 2204030267

USSR

Sci/E&EE

Sep 67

Thermochemistry of Silicates-Heat of  
Formation of Iron Orthosilicate, by  
A. F. Kapustinskiy.

RUSSIAN, per, Trudy Kimiko-Tekhnolicheskoy  
Institut, no 38, 1962, pp. 7-10.

CRL D 184

ETC-68-24437

Sci/phys

404,557

Problem of Slanting of the Streamline Flow  
Around a Curvilinear Arc with Developed  
Cavitation, by A. G. Terent'yev, 15 pp.  
RUSSIAN, per, Kazan. Universitet. Seminara po  
Obratn. Krayev. Zadacham. Trudy, No 2, 1964,  
pp 187-200.  
F100157468-V  
FTD-MT-24-265-67

Sci-Physics  
Aug 68

362,316



Flotability of Natural Coals with a Different  
Degree of Carbonification, by D. S. Yemelianov  
and V. A. Shebanov.

RUSSIAN, per, Trudy Khar'kovskogo Gornogo Inst-  
ituta, Vol 10, 1961, pp 227-231.

NLL RTS 3169

Sci-Earth Sci  
Nov 67

345,257

Effect of Transverse Vibrations of a Turbine Disc on  
Blade Vibrations, by S. I. Bogomolov.

RUSSIAN, per, Trudy Kharkovsk Politekh Inst imeni  
V. I. Lenina Ser Inzh-Fiz, Vol XIV, No 2, 1958,  
pp 21-41.

NLL M. 3579

Sci - Engr

Jul 62

201.784

Stress Concentrations Around Holes on the Surface  
of a Cylinder in a State of Creep, by

A. V. Burlakov.

RUSSIAN, per, Trudy Kharkovskogo Politekhnikheskogo  
Instituta, Seriya Inzhenerno-Fizicheskaya, Vol XIV,  
No 2, 1958, pp 59-70.

\*NASA

Sci - Phys  
Jul 64

Reactions of Gossypol and Gossypolates With Hydrogen Peroxide, Hypochlorites, and Alkali II. The Conversion of Gossypol by Hydrogen Peroxide, by M. K. Yakubov.

RUSSIAN, per, Trudy Khar'kovskoyo Politekh Inst im V. I. Lenina. Seriya Khimiko-Tekhnologicheskoye, Vol XIII, No 4, 1957, pp 81-85. (Chem Abs 54-11519th - 1960)

\*PL-480

USDA

Sci  
Jun 63

Hydrogenation of Fats at Low Temperature, by  
B. N. Tyartyunnikov, I. I. Novitskaya.

RUSSIAN, per, Trudy Khar'kov Politekh Inst im  
V. I. Lenina, Ser, Khim Tekhnol, Vol XIII, No 4,  
1957, pp 97-104. (Chem Abs 53 23002i 1959)

\*PL-480  
USDA

Sci -  
Jun 63

Computation for Heat-Exchange Apparatuses, by Y. V. Yakovlev, 14 pp.

RUSSIAN, per, Trudy Kharkov, Aviatsionnyi Institut, No 15, 1954, pp 133-148.

SLA/R-2536

Sci  
Apr 59

84,963

Action of Organic Solvents on Coal, by L. L.  
Nesterenko.

RUSSIAN, per, Trudy Khar'kov Khim Inst M ineni  
S. M. Kirova, No 2, 1939, pp 70-90.

NCB A 1541

Sci

Jan 63

63-11067

PHYSIOLOGY AND BIOCHEMISTRY OF AGING  
(Problemy Vozrastnoi Fiziologii i Biokhimii) tr. by  
Michael Artman. 1963, 308p. 731 refs. PL-480 HEW.  
Order from OTS \$3.00 63-11067

Trans. of Kharkov U. Nauchno-Issledovatel'skii  
Institut Biologii. Trudy (USSR) 1960, v. 29 [321p.]  
(Kharkov U. Ucheni Zapysky (USSR) 1960, v. 108).

DESCRIPTORS: \*Age, Physiology, \*Proteins, Synthesis,  
\*Serum albumin, Animals, Enzymes, \*Muscle pro-  
teins, \*Amino acids, \*Liver, Nucleoproteins, \*Phos-  
phorus compounds, Lipoproteins, Tissues (Biology),  
\*Adenosine phosphates, \*Nucleic acids, \*Growth sub-  
stances, Diet, Rats, \*Surgery, \*Hormones, Regenera-  
tion, Metabolism, \*Thyroxine, Blood, \*Corticosteroid  
agents, Nerves, Oxidation, \*Pituitary hormones, \*Em-  
bryos, Birds.  
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)  
(over)

- I. PL-480-HEW (63-11067)
- II. National Science Foun-  
dation, Washington, D. C.

Office of Technical Services



Petrov, G. S., Danilovich, A. I., and Rabinovich, A. Ya.  
CATALYTIC OXIDATION OF PETROLEUM OILS.  
[1962] 8p. 5 refs.

Order from OTS or SLA \$1.10

61-18141

61-18141

I. Petrov, G. S.  
II. Danilovich, A. I.  
III. Rabinovich, A. Ya.

Trans. of Khimicheskii Institut imeni L. Ya. Karpova.  
Trudy (USSR) 1926, no. 5, p. 81-89.

DESCRIPTORS: \*Petroleum, Mineral oils, \*Oxidation,  
Catalysts, Alkylation, Lead, Iron, Zinc, Acids,  
Sulfuric acid, Cobalt catalysts.

Experiments of oxidation of vaseline oil and solar oil in  
the presence of various catalysts are compared with  
several non-catalytic experiments. Lead brought about  
a more vigorous oxidation than iron or zinc at temper-  
atures above 250°. Solar oil is much more stable  
toward oxidation than vaseline oil and this is explained  
by the presence in the former of resinous substances  
(Chemistry--Organic, TT, v. 9, no. 1.) (over)

Office of Technical Services

FTD (TDRIR)

6-9-2

BT68-10-2135T

Request translation check.

8768-15- JMT

Thermal strain hardening of nickel-free structural steels

Kurmanov, M.I., Dryukova, I.N.

Russ trudy: Kharkov. Ukrainskiy nauchno-issledovatel'skiy  
institut metallov. Sbornik trudov, no 10, 1964. Tekhnologiy  
proizvodstva i svoystva i svoystva chernykh metallov.(Production technology and properties of ferrous metals),  
328-340*In process as FTD-HT-23-1150-68**Negative  
14/8/68*

Velocity and Temperature Distribution in a Turbulent  
Boundary Layer on a Plate, by I. I. Zhyugzda,  
V. I. Makaryavichyus, 8 pp.

RUSSIAN, per, Trudy Khim Geol i Tekh Nauki,  
Ser B, Ak Nauk Lit SSR, No 3, 1963, pp 99-105.  
9696120

FTD-TT-64-800

Sci - Phys  
Mar 65

276,923

Petrov, G. S., Danilovich, A. I., and Rabinovich,  
A. Yu.

OXIDATION OF MINERAL OILS WITH SOLUBLE  
CATALYSTS. [1961] 8p.

Order from ODS or SLA \$1.10

61-18133

Trans. of Khimicheskii Institut im[eni] L. Ya. Karpova,  
Trudy (USSR) 1927, p. 157-168.

DESCRIPTORS: \*Mineral oils, Oxidation, \*Catalysts,  
Zinc compounds, Lead compounds, Copper compounds,  
Manganese compounds, Naphthyl radicals, Salts.

Solar oil distillate treated with 18% fuming sulfuric acid  
(without, however, completely removing the unsaturated)  
and washed to complete elimination of alkaline salts  
underwent a more extensive oxidation in the presence of  
manganese naphthenate than in the presence of naph-  
thenates of zinc, lead and copper under identical condi-  
(Chemistry, TT, v. 9, no. 6) (over)

61-18133

I. Petrov, G. S. :  
II. Danilovich, A. I.  
III. Rabinovich, A. Yu.

Office of Technical Services

The Kinetic Isotope Effect of  $C^{14}$  in the De-  
carboxylation of Picolinic Acid in the Melt and  
in Solvents, by M. Zelinskiy. 7 pp.

RUSSIAN, per, Tr. po Khim. i Khim. Tekhnol. No 4,  
pp 707-713.

\*CFSTI TT 69-55116

sci/chemistry  
auj 69

The Spectra and Structure of Metal-Organic Compounds,  
Pt. 1. Vibrational Spectra of Tetraethyl Lead  
and Hexaethyl Diplumbene, by N. N. Vishinskiy, N. K.  
Rudneveliy.

RUSSIAN, per, Trudy R po Khim i Khim Tekh, Vol III,  
pp 538-544.

*CP*  
AEC TR 5300

9069042

Sci - Min/Metals  
Jul 62

Kinetics of the Reaction of Acetylbenzoyl Peroxide  
With Isopropyl Alcohol, by V. N. Latyaeva.

RUSSIAN, per, Trudy Khim i Khim Tekh, Vol I, 1958,  
pp 487-495.

NLL Ref: 5828.4 1962 (5,246)

Sci - Chem  
Jul 63

236,093

Isotope Effect in the Thermodynamic Functions of  
Some Organo-Deuterium Compounds in the Ideal  
Gaseous State, by Ye. Z. Zhuravlev, et al. 11 pp  
RUSSIAN, per, Trudy po Khim. i. Khim. Tekhnol.  
Vol 2, No 3, 1959, pp 475-485.  
\*CESTI TT 69-55119

sci/chemistry  
au; 69



Lebedev, O. L. and Kazarnovski, S. N.  
INTERMEDIATE PRODUCTS OF OXIDATION OF  
AMINES BY PERTUNGSTATE. 5 Dec 63 [13p] 32refs  
Order from OTS, SLA, or ETC \$1.60 TT-64-10812

Trans. of Tr[udy] po Khim[i] i Khim[ichekol]  
Tekhnol[ogii] (USSR) 1959, v. 2, p. 649-656.

(Chemistry--Organic, TT, v. 12, no. 2)

TT-64-10812

I. Lebedev, O. L.  
II. Kazarnovski, S. N.

Office of Technical Services

The Oxidation of Triethylaluminum and the  
Investigation of the Catalytic Properties of  
the Oxidation Products, by O. I. Demin.

RUSSIAN, per, Trudy po Khimii i Khimicheskoi  
Tekhnologii, no. 3, 1960, pp. 373-380.

NTC 71-12923-07C

*July 1971*

Petrov, G. S. and Tsvetkova, M. E.  
COMBINATION OF UREA AND PHENOL RESINS.  
6 Sep 62 [18]p. 26 refs.  
Order from OTS or SLA \$1. 60

63-10826

63-10826

I. Petrov, G. S.  
II. Tsvetkova, M. E.

Trans. of Khim[iko]-Tekh[nologicheskii Institut] Moscow.  
Trudy (USSR) 19: 9 [no. 29] p. 23-33.

DESCRIPTORS: Synthesis, \*Urea, \*Phenolic resins,  
\*Urea-formaldehyde resins, Fractionation, Physical  
properties, Condensation reactions, Reaction kinetics,  
Mechanical properties.

(Materials--Plastics, TT, v. 10, no. 1)

Office of Technical Services

Hydride Method for the Preparation of Particularly  
Pure Elements, by G. G. Devyatykh.  
RUSSIAN, per, Trudy Khim. Khim. Tekhnol., No 5,  
1962, pp 221-232. P911124666  
AEC ML-1345

Sci/Chemistry  
Dec 66

314,603

Investigation of Concentration Dependence  
of the Intensity of Aluminum and Zinc  
Lines in Contact-Pulse Sampling of  
the Al-ZN Alloy Substance, by  
D. P. Milenina, N. K. Ludnevskiy,  
RUSSIAN, per, Trudy po Khimii i Khim  
Tekhn Gor'kiy, No 1, 1963, pp 8-11.  
\*FTD-TT-65-1639

Sci - M/N  
Nov 65

The Study of Globulins of Soybean Seeds by Electro-  
phoresis on Paper, by I. A. Vaintraub.

RUSSIAN, per, Trudy po Khimii Priroonykh Soedinenii  
Kishinevskii Gosudarst-vennyi Universitet, No 3,  
1960, pp 193-8. (Chem Abs 57, 3789 1962)

\*PL-480

USDA

Sci -  
Jun 63

N-Terminal Amino Acids of Soybean Seed Globulins,  
by I. A. Vaintraub.

RUSSIAN, per, Trudy po Khimii Priorodnykh Soedineniii  
Kishinevskii Gosudarst-vennyi Universitet, No 4,  
1961, pp 45-48. (Chem Abs 57, 17077 1962)

\*PL-480  
USDA

Sci -  
Jun 63

Baranov, A. V.  
 PHYSICOCHEMICAL GROUNDS AND WAYS OF INTENSIFYING THE PRODUCTION OF NITRIC ACID.  
 Fiz. Khim. tr. by B. I. Kiselev. 19 July 61, 11p.  
 6 refs. TVA-3916.  
 Order from OIS or SLA \$1.60 62-24457

Trans. of Khim[iko]-Tekhnol[ogicheskii] Inst[itut]  
 Dnepropetrovsk. Fiz. Khim. (USSR) 1951, v. 4, p. 25-31.

DESCRIPTORS: \*Nitric acid, synthesis, Production.  
 Toxicity (Chemicals); Absorption; Temperature; Cooling.  
 \*Physical chemistry.

The effect of temperature on the conversion of oxides of nitrogen and the rate absorption of nitrogen were investigated at various rates of gas flow and various nitric acid concentrations. The effect of rates of cooling was investigated. Concepts regarding the optimum temperature were explored. (Author)  
 (Engineering Research) Fiz. Khim. (USSR)

62-24457

I. Baranov, A. V.  
 H. TVA-3916  
 III. Tennessee Valley Authority,  
 Wilson Dam, Ala.

Office of Technical Services



Obtaining Water-Resistant High-Strength  
Structural Components from Gypsum,  
by M. A. Matveev, K. M. Tkachenko,

8 pp.

RUSSIAN, per, Trudy Khimiko-Tekhnologicheskii  
Institut Moscow, Vol 16, No 2, 1949,

pp 43-52.

ATS-51899

336,354

Sci

Aug 67

Zhavoronkov, N. M. and Nikolaev, A. M.  
 THE DETERMINATION OF EDDY VISCOSITIES IN  
 TURBULENT FLOW IN CHANNELS OF RECTAN-  
 GULAR CROSS-SECTION (Opredeleeniye Viskozit  
 Vyazkosti Turbulentnogo Potoka v Kanale Pryanog-  
 gol'nogo Secheniya) tr. by G. Fulford. Dec 60 [15]p.  
 6 refs. [DSIR NLL] M. 4295.  
 Order from OTS or SLA \$1.60

62-13109

Unedited trans. of Khimiko-Tekhnologicheskii  
 Institut, Moscow. Trudy (USSR) 1956, v. 21,  
 p. 177-193.

DESCRIPTORS: \*Turbulent flow, Velocity, Viscosity,  
 Mathematical analysis, Mass transfer, Heat transfer,  
 Phase transitions, Distribution theory, Resistance.

The law of the velocity distribution in the core of a  
 (Mechanics--Hydrodynamics, TT, v. 7, no. 11)(over)

62-13109

- I. Zhavoronkov, N. M.
- II. Nikolaev, A. M.
- III. DSIR NLL M. 4295

Office of Technical Services

Darashkevich, M. L.

QUANTITATIVE DETERMINATION OF ACETATE IONS  
IN SALTS OF ACETIC ACID BY CHROMATOGRAPHY. [1961] 3p.

Order from ATS \$4.50

ATS-40N51R

Trans. of Xhim[iko]-Tekhnol[ogicheskii] Inst[itut]  
Moscow. Trudy(USSR) 1956, v. 22, p. 113-115.

DESCRIPTORS: \*Acetates, Ions, Determination,  
\*Acetic acids, Salts, \*Chromatographic analysis.

(Chemistry--Analytical, TT, v. 7, no. 6)

61-25045

I. Darashkevich, M. L.  
II. ATS-40N51R  
III. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Kasatkin, A. G. and others.

INVESTIGATION OF THE PROCESS OF CHEMISORPTION OF CO<sub>2</sub> BY SOLUTIONS OF NaOH AND KOH IN A PACKED COLUMN, tr. by G. R. Taylor.

21 June 60 [27] p. 27 refs. CTRA Technical Note no. 97; [DSIR LLU] M 2267.

Order from OTS or SLA \$2.60

(1-13749)

Trans. of Khim[iko]-Technol[ogicheskiy] Inst[itut] Moscow, Trudy (USSR) 1957 [v. 22] no. 24, p. 389-404.

DESCRIPTORS: \*Absorption, Chemical reactions, \*Carbon dioxide, Sodium compounds, Potassium compounds, \*Hydroxides.

The absorption of CO<sub>2</sub> by NaOH and KOH solutions in a packed column has been investigated. The concept of a coefficient of equivalence, representing the physico-chemical conditions for the occurrence of the mass transfer process, is introduced. Maximum efficiency of operation of the column is attained under emulsification. (Chemistry--Physical, TT, v. 6, no. 5) (over)

61-13749

- I. Kasatkin, A. G.
- II. CTRA TN-97
- III. DSIR LLU M. 2267
- IV. Coal Tar Research Association (Gt. Brit.)

180432

Office of Technical Services

Razumov, A. I.

INVESTIGATIONS OF THE DERIVATIVES OF THE  
ALKYL PHOSPHINOUS AND PHOSPHINIC ACIDS.  
IX. SOME ALKYLATED AMIDO ESTERS OF PHOS-  
PHOROUS ACID AND THEIR ABILITY TO ISOM-  
ERIZE. [1963] [5]p. 6 refs.

Order from OTS, SLA or ETC \$1.10 TT-63-19452

Trans. of Khimiko-Tekhnologicheskii Institut, Kazan,  
Trudy (USSR) 1957, no. 23, p. 201-204. (Abstract  
available)

DESCRIPTORS: Alkyl radicals, \*Phosphinous acids,  
\*Phosphorous acids, Esters, Amides, \*Alkylation,  
\*Molecular isomerism.

Some representatives of the alkylated amides of phos-  
phorous acid were synthesized. The alkylated amides  
of phosphorous acid were isomerized to amides of the  
phosphinic acids. It is shown that alkylated amides of  
phosphorous acid can enter into addition reactions.  
(Author)

TT-63-19452

I. Razumov, A. I.  
II. Title: Some ...  
III. Translations, New York

(Chemistry--Organic, TT,  
v. 11, no. 2)

Office of Technical Services

Kasatkin, A. G. Kafarov, V. V., and Panfilov, M. N.  
STUDY OF AGITATION BY MECHANICAL STIRRERS  
IN GAS-LIQUID SYSTEMS. [1961] 16p. 14 refs.  
Warren Spring Lab. Trans. NT 779; DSIR LLU  
M. 2705.

Order from OTS or CLA \$1.60

61-23511

Trans. of Khimiko-Tekhnologicheskii Institut, Moscow  
Trudy, 1957 [v. 22] no. 24, p. 413-427.

DESCRIPTORS: \*Gases, \*Liquids, \*Stirrers, Effec-  
tiveness.

The hydrodynamic modelling conditions for stirring  
water/air and systems with similar physical properties  
in turbulent flow conditions of the liquid are: equal  
energy consumption for stirring the liquid without the  
gas, and equal  $V_p/n d^3$  ratios for the geometrically  
similar stirrers. Equations are formulated for calcu-  
(Engineering--Chemical, TT, v. 6, no. 8) (over)

61-23511

- I. Kasatkin, A. G.
- II. Kafarov, V. V.
- III. Panfilov, M. N.
- IV. DSIR NT-779
- V. DSIR LLU M. 2705
- VI. Department of Scientific  
and Industrial Research  
(Gt. Brit.)

285190

Office of Technical Services

Smolyan, Z. S., Kurdyumova, N. A., and  
Pyryalova, P. S.

LOW TEMPERATURE CHLORINATION OF ETHANE  
IN THE PRESENCE OF INITIATORS. [1960] 5p.  
Order from ATS \$8.10                      ATS-54M40R

Trans. of Trudy [po] Khimii i Khim. Tekhnol. (USSR)  
1958, v. I, no. 1, p. 187-189.

DESCRIPTORS: \*Low temperature research, \*Chlorina-  
tion, \*Ethanes, Azo radicals, Carbon tetrachloride,  
Canavanine, Benzoyl radicals, Peroxides, Methyl radi-  
cals, Carbonates, \*Laboratory equipment.

(Chemistry--Organic, TT, v. 9, no. 6)

60-22825

- I. Smolyan, Z. S.
- II. Kurdyumova, N. A.
- III. Pyryalova, P. S.
- IV. ATS-54M40R
- V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Baranov, A. V. and Krechetova, T. A.  
COMPARATIVE EVALUATION OF METHODS FOR  
PREPARATION OF NITRIC ACID FROM NITROGEN  
OXIDES. I. KINETICS OF BUBBLE CAP ABSORP-  
TION, tr. by Bertha P. Klenova. 19 Feb 62, 12p.  
6 refs. TVA-3982.

Order from OTS or SLA \$1.60

62-24466

Trans. of Khim[iko]-Tekhnol[ogicheskii] Inst[itut]  
Dnepropetrovsk. Trudy (USSR) 1958, v. 6, p. 99-109.

DESCRIPTORS: \*Nitric acid, \*Nitrogen compounds,  
Oxides, Preparation, Towers (Chemistry), Bubbles,  
Absorption, Reaction kinetics

The method of the rising bubble was applied to the  
study of the relation of the coefficient of mass trans-  
fer to temperature, rates of gas and liquid flow, depth  
of bubbling layer, diameter of nozzle or gas bubble,  
and concentrations of nitric acid and of nitrogen di-  
(Engineering--Chemical, TT, v. 8, no. 9) (over)

62-24466

- I. Baranov, A. V.
- II. Krechetova, T. A.
- III. Title: Kinetics ...
- IV. TVA-3982
- V. Tennessee Valley Authority,  
Wilson Dam, Ala.

Office of Technical Services



Batalov, A. P. and Korshunov, I. A.  
RADICAL EXCHANGE IN ORGANOMETALLIC COM-  
POUNDS. VI. A NEW METHOD FOR DETERMINING  
THE COMPOSITION OF COMPLEXES OF ALUMINUM  
TRIETHYL WITH SOME ORGANIC SOLVENTS.  
14 June 62 [8] p. 7 refs.  
Order from OTS or SLA \$1.10

63-10805

Trans. of Trudy po Khim[ii] i Khim[ichekoi] Tekhnol-  
[ogii] (USSR) 1960 [v. 3] no. 3, p. 501-504.

DESCRIPTORS: \*Metalorganic compounds, \*Exchange  
reactions, \*Complex compounds, \*Ziegler catalysts,  
\*Aluminum compounds, \*Ethyl radicals, Chemical  
analysis, \*Organic solvents, Ethyl ethers, Pyridines,  
Ethylenea, Dioxide., Heterocyclic compounds.

A new method is proposed for determining the composi-  
tion of complexes of aluminum triethyl with oxygen and  
(Chemistry--Analytical, TT, v. 10, no. 3) (over)

63-10805

I. Batalov, A. P.  
II. Korshunov, I. A.  
III. Title: New ...

Office of Technical Services

The Spectra and Structure of Metallo-  
Organic Compounds, Part I. Vibrational  
Spectra of Tetraethyllead and Hexaethyl-  
plumbane, by N. N. Vyuhinskiy, N. K.  
Rudnevskiy, 10 pp.

RUSSIAN, per, Trudy po Khim i Khim  
Tekh, No 3, 1960, pp 538-544. 9069042

AEC Tr-5300

Sci - Min/Mat  
Dec 62

217.4

The Corrosion of Metal, by L. N. Elkin and V. M.  
Lekae,  
RUSSIAN, per, Trudy Khimiko-Tekhnologicheskoy Inst,  
Vol XXXV, 1961, pp 101-107.  
SNSRC-169

Sci-M&M  
Jun 66

304,138

Method of Potentiometric Titration of Bases  
in Non-Aqueous Media, by A. P. Kreshkov.  
RUSSIAN, per, Trudy Khimiko-Tekhnologicheskii  
Institut Moscow, No 32, 1961, pp 327-332.  
NTC-71-10642-07D

Nov 71

Experimental Production of Stabilized Sulfur  
Trioxide under Pilot Plant Conditions,  
by S. N. Kondrat'yev, 7 pp.  
RUSSIAN, per, Trudy Khim Tekh Inst Kazan,  
No 30, 1962, pp 205-212.  
ATS-26R77R

Sci - Chem  
Jul 66

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