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GRATIONS ON A SPHERICAL SURFACE (O Formulakh
Mekhanicheskikh Kuchatur na Poverkhnosti Sfery) tr.
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Order from OTS, SLA, or ETC \$2.60 TT-63-19549

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Trans. of [Sibirskii Matematicheski Zhurnal] (USSR)
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DESCRIPTORS: *Integration, Spheres, Volume,
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Soborovskii, L.A., Zinov'ev, Yu.M. and Englin, M.A.
FORMATION DE LA LIAISON PHOSPHORE-CARBONE
DANS LA RÉACTION ENTRE LES HYDROCARBURES,
LE TRICHLORURE DE PHOSPHORE ET L'OXYGÈNE
LE TRICHLORURE DE PHOSPHORE ET L'OXYGÈNE
(Obrazovanie Fosfor-Uglerodnoi Soyazi v Soprazhen-
noi Reaktsii Uglevodorov, Trekhkloristogo Fosfora
i Kisloroda)(Formation of Phosphorus-Carbon Linkage
in the Conjugated Reaction of Hydrocarbons, Phospho-
rus Trichloride and Oxygen). 10p. (Foreign text in-
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Order from OTS, ETC or CNRS \$0.80 TT-62-28306

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DESCRIPTORS: Hydrocarbons, Phosphorus compounds,
Chlorides, Oxygen, *Phosphorus, *Carbon, Atom,
*Chemical bonds, Chemical reactions.

(Chemistry--Organic, TT, v. 11, no. 6)

TT-62-28306

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- II. Zinov'ev, Yu.M.
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- IV. CNRS-VIII bis 540
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TT-62-28277

Soborovskii, L.Z., Zinov'ev, Yu.M. and Englin, M.A.
OBTENTION DES COMPOSÉS PHOSPHORO ORGANIQUES
PAR LA RÉACTION DU TRICHLORURE DE PHOSPHORE
ET DE L'OXYGÈNE SUR LES HYDROCARBURES,
LEURS DÉRIVÉS CHLORÉS ET LES ÉTHERS SIMPLES
(Poluchenie Fosfororganicheskikh Soedinenii Pri Reaktsii
Trehkhlorigogo Fosfora i Kisloroda s Uglevodородami,
Ikh Khlorproizvodnymi i s Prostymi Efirami)
(Preparation of Phospho-organic Compounds by a Reaction
of Phosphorus Trichloride and Oxygen with Hydrocarbons
and Their Halogen Derivates and with Ethers)
14p. (Foreign text included) 3refs. CNRS-VIII bis 547
Order from OTS, ETC or CNRS \$0.80 TT-62-28277

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1950, v.73, no.2, p.333-336.
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DESCRIPTORS: Chemical reactions, Oxygen, *Phosphorus
compounds, Chlorides, *Organic compounds,
Synthesis (Chemistry), Ethers
(Chemistry--Organic, TT; v. 11, no. 6)

I. Soborovskii, L.Z.
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Soborovskiy, L. Z., Gololobov, Yu. G., and Fedotova, V. V.

REACTION OF COMPOUNDS OF TRIVALENT PHOSPHORUS WITH HALOGENATED ACYL HALIDES. I. REACTION OF TRIALKYL PHOSPHITES WITH TRICHLOROACETYL CHLORIDE. [1960] 6p. Order from ATS \$7.50 ATS-21N48R

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Chemical reactions
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Synthesis of Organophosphorus Compounds From Hydrocarbons and Their Derivatives. XI. Oxidative Chlorophosphination of Nitriles, by R. I. Bystrova, Yu. M. Zinov'yev, L. Z. Soborovskiy, 4 pp.

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ATS RJ-3999

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Full Esters of Some Halogenated Alkane- and
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Oxidative Chlorophosphonation of 1-Butene,
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TT-62-28303

Soborovskii, L.Z. and Zinov'ev, Yu.M.
SYNTHESE DES COMPOSES PHOSPHOROORGANIQUES
A PARTIR DES HYDROCARBURES ET DE LEURS DERIVES.
IV. FORMATION DES DERIVES D'ACIDES
DIALKYLPHOSPHINIQUES A PARTIR DES ALKYLDI-
CHLORPHOSPHINES, DES HYDROCARBURES ET DE
L'OXYGENE (Sintez Fosfororganicheskikh soedinenii iz
Uglevodorodov i ikh Proizvodnykh. IV.) (Synthesis of
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7 refs. CNRS-VIII bis 529.
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I. Soborovskii, L.Z.
II. Zinov'ev, Yu.M.
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Scientifique, Paris

DESCRIPTORS: Synthesis, *Phosphines, Alkyl radicals,
Acids, Chlorides, Hydrocarbons, Oxygen.

(Chemistry--Organic, TT, v. 11, no. 7)

Office of Technical Services
European Translation Centre

Synthesis of Vinyl Monomers. I. α -Substituted
Derivatives of Vinylphosphonic Acid, A. M.
Yakubovich, L. Z. Sokorovskiy, L. I. Maloz,
V. S. Favenmark, 3 pp.

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Studies of Organic Sulfur Compounds. I. The
Synthesis of Alkane-sulfonyl Fluorides and Their
Halogen Derivatives, by L. Z. Soborovskiy, S. M.
Gladshstein, M. I. Kiseleva, V. N. Chernetskii, 4 pp.

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Synthesis of Organophosphorus Compounds From
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Oxidative Chlorophosphonation by Means of
Alkyl and Dialkylamidophosphorodichloridites,
by Yu. N. Zinov'ev, V. N. Kulakova, L. Z.
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Reaction of Tetrafluoroethylene with Arsenic Tri-
Trichloride in the Presence of Aluminum
Chloride, A. B. Braker, T. G. Spiridonova,
L. Z. Soborovskiy, 5 pp.

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