

- TT-41-13436

Field TC

Dubsky, J. V.; Vlasnik, W. D.
ON KNOWLEDGE OF THE DIRECT NITRATION OF
ALIPHATIC DIAMINE COMPOUNDS. COMMUNICATION
NO. 3, ACTION OF ABSOLUTE NITRIC ACID ON 3,5-
DIKETO-1-ACETYLAMINO-2-HYDRO-1,4-DIAZINE,
HETEROCLIN LIKE THAN $\text{CH}_3\text{-CO}$, OVER $\text{CH}_2\text{-CO}$,
GREATER THAN NH (Zur Kenntnis der direkten
Nitrierung Aliphatischer Diaminverbindungen). Sp. 3refa.
Order from SLAs \$1.10 as TT-41-13436

Transl. of Chemablen (Berliner Germany) v19 p1041-4
1916.

1. Title: Action ...

MR 635

Pure Lead Tetraalkyls and Their
Halogen Substitution Products. II. Disclosure
About Organic Lead Compounds, by Gerhard Gruttner,
Erich Krause.
GERMAN, per, Chemische Berichte Vol XLIX,
1916, pp 1415-1428.
SLA TT 64-14933

May 67 325,060

New Fulminates and Azides, by L. Wohler,
F. Martin, 1hp.
CHEMAB, par, Chemische Berichte, No 50,
1917, pp 26-36.
CITE: AB-179,637

332, 1264

Sci
Jul 67

Gruetter, Gerhard.
HEXAALKYL DISTANNAMES, A CONTRIBUTION TO
OUR KNOWLEDGE OF THE ATOM LINKAGE OF
TIN. [1963] 7p. 3 refs
Order from SLA \$1.10

TT-64-14715

Trans. of [Chemische Berichte] (Germany) 1917
[v. 30] p. 1818-1819.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14715

I. Gruetter, G.

Office of Technical Services

Action of Formaldehyde on Glycine and
Its Metallic Salts, by H. Krause.
GERMAN, per, Chem Berichte, Vol 51,
1918, pp 136-150.
NASA TT F-11,981

Sci-Chem
Mar 689

377,540

Studies on Salts of Oxytrimethylene-
Glycine and α -oxymethyl-Glycine, by
Hugo Krause.
GERMAN, per, Chem Ber., Vol 52 B, 1919,
pp 1211-1222.
NASA TT F-11,989

Sci-Chem
May 69

382,655

63-14215

Mayce, L. D. and Lewis, L. H.
EFFECT OF O-CHLOR BENZALDEHYDE ON CHLOR
SUBSTITUTED ANILINES, ON FLUORENE AND ON
ANTHRAQUINONE AMINES. [1963] 10p. 9 refs.
Order from SLA \$1.10 63-14215

Parent work: (p. 1641-1650 of Chemische Berichte
(Gotting) 1919, 9, 5] p. 1641-1652.

DESCRIPTORS: *Anilines, Chloroaldehydes, *Fluorine,
*Quinones, Anthraquinones, *Amines, *Benzaldehydes,
Chemical reactions, Azo radicals, Methyl radicals,
Alkylides, Synthesis

(Chemistry--Organic, ET, v. 10, no. 3)

Office of Technical Services

62-18075

Tiedt, Erich and Schleeder, Arthur.
THE FUSION OF ZINC, CALCIUM, AND MERCURY
SULPHIDES (ANDECRYSTAL FORM, MELTING AIDS
AND INITIAL FUSION PROCESS IN PHOSPHORES-
CENT ZINC SULPHIDE. [Das Schmelzen der Sulfide
von Zink, Calcium und Quecksilber (und Kristalli-
sierung, Schmelzmittel und Fusionsbeginn, Schmelzpro-
zess beim Phosphoreszierenden Zinksulfid)]. Paper 1
in the Rundschau of International Luminescence Phenom-
ena (Rundsch. Intern. Ph. [1962]) 31 (4 p. 71-74) 1962.
Dresden: VEB S. 1, 700.

62-18075

See also 62-18075 for Schleeder, Arthur and Tiedt, Erich.
[1962] Ph. [1962] 31 (4 p. 71-74) 1962.
[1962] Ph. [1962] 31 (4 p. 71-74) 1962.
[1962] Ph. [1962] 31 (4 p. 71-74) 1962.
[1962] Ph. [1962] 31 (4 p. 71-74) 1962.

(Continued)

(over)

- I. Tiedt, E.
- II. Schleeder, A.
- III. Tiedt, Erich and Schleeder, Arthur.
- IV. Tiedt, Erich and Schleeder, Arthur.

Office of Technical Services

Strecker, W. and Thieme, H.
THE ACTION OF OZONE ON ALKALI METALS,
AMMONIA, AND SUBSTITUTION PRODUCTS OF
AMMONIA. 13 Apr 61, 26p. 14 refs.
Order from SLA 51L 00

63-10544

Trans. of Chemische Berichte (Germany) 1920, v. 53,
p. 2090-2115.

DESCRIPTORS: *Ozone, Chemical reactions, *Alkali
metals, *Ammonia, *Amines, Hydroxides, Methyl
radicals, *Hydrazines, Hydrates.

(Chemistry, TT, p. 10, no. 1)

63-10544

I. Strecker, W.
II. Thieme, H.

Office of Technical Services

Meyer, Friedrich and Zappner, R.
THE PREPARATION OF LARGE AMOUNTS OF PURE
BORON NITRIDE. [1963] 5p 9refs
Order from SLA \$8.10

63-18174

Trans. of [Chemische] Berichte (Germany) 1921, v. 34,
p. 560-566.

DESCRIPTORS: *Boron compounds, *Nitrides, Syn-
thesis (Chemistry), Chlorides, Ammonia, Laboratory
equipment, Design

(Chemistry--Inorganic, ET, v. 10, no. 11)

63-18174

I. Meyer, F.
II. Zappner, R.

Office of Technical Services

Kindler, K.
THE PREPARATION OF GLYOXAL BY THE ACTION OF
ACETYLENE ON GOLD CHLORIDE OR GOLD BROMIDE
[1900] 3p. 3 refs.
Order from S.E. 1001, p. 1.80

61-10011

Trans. of Chemisches Berichts (Germany) 1921,
v. 56, p. 647-669.

(Unrevised)

61-10011

1. Glyoxal - Chemical reactions
2. Acetylene - Chemical reactions
3. Glyoxal - Synthesis
1. Kindler, K.

158900

Office of Technical Services

63-10631

Traube, Wilhelm and Schulze, Walter.
THE HIGHER (HIGHER) OXIDES OF CALCIUM AND
BARIUM. [1902] 19p. 9 refs.
Order from SLA \$1.60

63-10631

Trans. of [Chemische] Berichte (Germany) 1921, v. 54,
p. 1626-1644.

DESCRIPTION: Oxides, *Calcium compounds,
*Barium compounds, Physical properties, Colors,
Quantitative analysis.

I. Traube, W.
II. Schulze, W.

(Chemistry--Analytical. TT, v. 10, no. 1)

Office of Technical Services

61-25357

Weitz, E., and Scheffer, A.
THE REACTION OF ALKALINE HYDROGEN PER-
OXIDE WITH UNSATURATED COMPOUNDS. [1961]
14p.
Order from ATS 620.65 ATS-30N53G

Trans. of [Chemische] Berichte (Germany) 1921,
v. 54, p. 2327-2344.

DESCRIPTORS: Hydrogen compounds. Peroxides.
Chemical reactions.

I. Weitz, E.
II. Scheffer, A.
III. ATS-30N53G
IV. Associated Technical
Services, Inc., East
Orange, N. J.

(Unannounced)

Office of Technical Services

Weitz, E. and Scheffer, A.
REACTIONS OF KETOXIDO COMPOUNDS: FOR-
MATION OF β -KETO ALDEHYDES FROM α , β -
UNSATURATED KETONES [1961] op.
Order from ATS \$11.15

ATS-31N53G

Transl. of [Chemische Berichte] (Germany) 1921,
v. 54, pt. 2347-2353.

DESCRIPTORS: *Aldehydes, Chemical reactions,
*Ketones.

(UNCLASSIFIED)

61-25029

- I. Title: Ketoxido com-
pounds
- I. Weitz, E.
- II. Scheffer, A.
- III. ATS-31N53G
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

184179

Office of Technical Services

Marckwald, W. and Struwe, F.
SOME GUANIDINE SALTS, 26 Mar 63, 9p.
Order from SLA 81.10 63-14723

Trans. of (Chemische) Berichte (Germany) 1922,
v. 35, p. 489-493.

DESCRIPTORS. *Guanidines, Salts, Chlorates,
Sulfates, *Explosive materials, Perchlorates, Chemical
properties, Physical properties, *Sulfides, Sulfites,
Thiosulfates, Xanthic acids, Borates, Stannates,
Formates, Methanes, Phenols, Nitro radicals, Cresols,
Benzenes, Sulfamic acid, Phthalimides.

(Chemistry--Organic, IT, v. 10, no. 3)

63-14723

I. Marckwald, W.
II. Struwe, F.

Office of Technical Services

Promen, Emil and Schultis, Carlheo.
ISOMERIE CH² THIO-ALDEHYDE. [1963] 16p. (formu-
lar omitted) 9 refs.
Order from S.I.A \$1.60

63-14217

Trans. of [Chemische] Berichte (Germany) 1923, v. 56,
p. 437-447.

DESCRIPTION: *Thio radicals, *Aldehydes, Molecular
isomerism, *Iodine compounds, *Formaldehyde,
iodic acid, *Sulfonides, Oxidation, *Benzaldehyde,
Sulfones, Phenyl radicals, Methyl radicals.

(Chemistry--Organic, TT, v. 10, no. 4)

63-14217

I. Promen, F.
II. Schultis, C.

Office of Technical Services

62-12980

Berl, H. and Bitter, J.
FORMATION OF ETHYLCHLORIDE FROM ETHYLENE AND HYDROGEN CHLORIDE, pt. 1 [1962] 10p.
Order from K-II \$12.50 K-II-12150b

Trans. of Chemische Berichte (Germany) 1921, v. 57, p. 95-99.

DESCRIPTORS: *Ethyl radicals, Ethylenes, *Chlorides, Ethanes, Synthesis, *Hydrogen compounds.

I. Berl, H.
II. Bitter, J.
III. K-II-12190-b
IV. Kresge-Holder Science
Library Associates,
Detroit, Mich.

(Chemistry--Organic, TI, v. 9, no. 10)

Office of Technical Services

Nylen, Paul.
CONTRIBUTION TO THE KNOWLEDGE OF ORGANIC
PHOSPHORUS COMPOUNDS. [1963] 19p 20refs
Order from SLA \$1.60 TT-63-20670

Trans. W. [Chemische Berichte] (Germany) 1924,
v. 57, p. 1023-1038.

DESCRIPTORS: *Phosphorus compounds, Sodium
compounds, Phosphites, Acetates, Chlorides, Acetic
acids, Ethyl radicals, Chemical reactions, Organic
compounds.

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

TT-63-20670

I. Nylen, P.

Office of Technical Services

Ipatiev, W. and Kljukvin, N.
THE PYROGENATION OF NAPHTHALENE UNDER
THE JOINT ACTION OF THE OXIDES OF ALUMINUM
AND NICKEL. [1963] Sp.
Order from SLA \$3.10

63-10686

Trans. of Chem[inische] Berichte (Germany) 1925, v. 58,
p. 1-13.

DESCRIPTORS: *Nickel compounds, *Aluminum com-
pounds, *Oxides, *Naphthalenes, Hydrogenation.

(Chemistry--Physical, TT, v. 10, no. 1)

63-10686

1. Title: Pyrogenation
1. Ipatiev, W.
II. Kljukvin, N.

Office of Technical Services

TT-64-16876

Kondratyev, N. V.
ELECTROLYTIC PROPERTIES OF ORGANOMAGNESIUM COMPOUNDS. PT. I. 9p. 1ref.
Order from S.A. \$1.10

TT-64-16876

Trans. of Chemische Berichte (Germany) 1925, v. 516
p. 634-41.

I. Kondyrev, N. V.

(Chemistry Abstracts, 11, v. 12, no. 5)

Office of Technical Services

Kondyrev, N. V. and Mano'ev, D. P.
ELECTROLYTIC PROPERTIES OF ORGANOMAGNE-
SIUM COMPOUNDS. PT II. ELECTRICAL CONDUCT-
IVITY OF ETHYL MAGNESIUM BROMIDE IN
ETHER SOLUTIONS. 9p (2 figs omitted) 1 ref.
Order from SLA \$11.10

TT-64-16877

Trans. of Chemische Berichte (Germany) 1925, v. 58,
p. 666-667.

(Chemistry--Physical, TT, v. 12, no. 5)

TT-64-16877

I. Kondyrev, N. V.
II. Mano'ev, D. P.
III. Title: Electrical ...

Office of Technical Services

Goldschmidt, Stefan and Schaefer, Herbert.
ON THE ACTION OF CHLORINE MONOXIDE ON
ORGANIC COMPOUNDS. 16 Aug 55 [13p] 4 refs
Order from SLA \$1.60 63-20077

Trans. of [Chemische] [Berichte] (Germany) 1923,
v. 56, p. 364-371.

DESCRIPTION: "Organic compounds, "Chlorine com-
pounds, "Isocyanides, Chemical reactions, Carbon
monochloride,

(Chemistry--Organic, TT, v. 10, no. 10)

63-20077

I. Goldschmidt, S.
II. Schaefer, H.

Office of Technical Services

ABOUT the Analysis of Formaldehyde, by D. Stohr,
2 pp.

CHERBAU, per, Chemische Berichte, Vol LVIII, No. 1,
1925, pp 732-735.

SIA 59-15480

Sic.1
Jan 60
Vol. 2, No. 1

104,473

63-10586

Hantzsch, A.
THE CONSTITUTION OF NITRIC ACID, AND ITS
NITRONIUM SALTS WITH PERCHLORIC ACID AND
WITH SULFURIC ACID. 31 Jan 61. 31p. 33 refs.
Order from SLS \$3.60 63-10586

1. Hantzsch, A.

Transl. of [Chemische] Berichte (Germany) 1925,
v. 58, p. 841-911.

DESCRIPTORS: *Nitric acid, *Perchloric acid, *Sul-
furic acid, *Nitrogen compounds, Salts, Chemical
reactions, Chemical properties, Electrolytes, Absorp-
tion, Physical properties.

(Chemistry--Inorganic, TT, v. 10, no. 1)

Office of Technical Services

Slotta, H. K. and Lorenz, L.
CONCERNING ISOCYANATES. I. SYNTHESIS OF ALI-
PHATIC ISOCYANATES. [1963] 7p 10refs
Order from SLA #1.10 63-18233

Trans. of [Chemische] Berichte (Germany) 1925, v. 58,
p. 1320-1323.

DESCRIPTORS: Isocyanates, Methyl radicals, Ethyl
radicals, Propyl radicals, Aliphatic compounds, Syn-
thesis (Chemistry), Potassium compounds, Cyanates,
Alkyl radicals, Substances.

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

63-18233

1. Title: Ethyl isocyanate
2. Title: Methyl isocyanate
- I. Slotta, H. K.
- II. Lorenz, L.
- III. Title: Synthesis . . .

Office of Technical Services

Effect of Carbonylazide, Cong, on Aromatic,
Hydrocarbons, by T. Curtius, A. Bertho, 30 pp

GUTMAN, per, Chemische Berichte, Vol LIXb,
1976, pp 565-580. 9689438

DOC ASIC-93

Sch - Chem
Date 63

OTS - TT - 64-15686
244, 100

Krause, Erich and Polack, Herbert.
POLYMERIZATION OF TRIPHENYL BORYL SODIUM
AND OTHER ALKALI METAL COMPOUNDS OF
TRIPHENYLBORINE. [1963] [12]p. (figs. omitted)
4 refs.

Order from SLA \$1.60

63-16027

C/S TIT-64-18153

Trans. of [Chemische Berichte] (Germany) 1926,
v. 10, p. 775-781.

DESCRIPTORS: *Boranes, Phenyl radicals, Alkali
metal compounds, *Sodium compounds, Synthesis
(Chemistry), Purification.

(Chemistry--Organic, TT, v. 10, no. 4)

63-16027

- I. Title: Triphenylboranes
- I. Title: Triphenyl boryl
sodium
- I. Krause, E.
- II. Polack, H.

Office of Technical Services

Constitution of the Aldehyde and Ketone
Bisulfite Compounds, by F. Raschig.
GERMAN, par, Chemische Berichte, Vol LIX,
1926, pp 859-865.
SIA TT 64-18437

Apr 67

323,032

The Isomeric Situation in the Pyrazole Series VIII.
3(5)-Methyl-5(3)-Phenyl-Pyrazole, by K. Von Auwers,
H. Stuhlmann, 11 pp.

GERMAN, per, Chem Ber, Vol LIX B, 1926, pp 1043-1048.

SLA 59-15430

Sci
Dec 59
Vol 32, No 5

103,604

Dittly, Otto and Lichte, Rudolf.
NEW OBSERVATIONS IN THE PURINE AND THE
CYANURIC GROUPS. 23 Jan 61, Sp. (German)
condition) 8 refs.
Order from SLA \$1.10 63-14381

Partial trans. (p. 2778-2781) of [Chemische]
Berichte] (Germany) 1926, v. 59, p. 2778-[2784].

DESCRIPTIONS: Purines, *Cyanuric acid, *Purine
alkaloids, Chemical properties, Synthesis (Chemistry)
*Urea derivatives, Acetyl radicals, Methyl radicals,
Thiourea.

(Chemistry--Organic, TT, v. 10, no. 4)

63-14381

I. Dittly, O.
II. Lichte, R.

Office of Technical Services

The Polymeric Vinyl Alcohol, by Willy O. Hermann,
Wolfram Michael, 6 pp.

GERMAN, per, Chem Ber, Vol LX, July 1927, pp 1658-
1663

SIA 59-10691

Sci - Chem
Sep 29
Vol 2, No 1

97,269

Presumable Mechanism of Polymerization by
Alkali Metals (Preliminary Disclosure),
by K. Ziegler, K. Bahr.
GERMAN, per, Chemische Berichte,
Vol LXI, 1928, pp 253-263.
SLA TT 44-14902

May 67

327,195

63-14216

Schmidt, Erich and Rutz, Gustav.
METHOD FOR THE PREPARATION OF NITRO- AND
CHLOR-NITRO OLEFINS. I. [1963] 6p. 22 refs.
Order from SLA #1.10 63-14216

I. Schmidt, E.
II. Rutz, G.

Trans. of [Chemische] Berichte (Germany) 1928, v. 16,
p. 2142-2148.

DESCRIPTORS *Propenes, *Butenes, *Pentenes,
*Octenes, *Nitro radicals, Chlorides, Synthesis
(Chemistry), Acetyl radicals, Alcohols, Potassium
compounds, Bistibutene.

(Chemistry--Organic, TT, v. 10, no. 4)

Office of Technical Services

Hantzsch, A. and Berger, Kurt.
THE NITRONIUM OR NITRACIDIUM SALTS AND THE
CATIONIC MIGRATION OF NITRIC ACID. 25 Jan 61,
12p. 7 refs.
Order from SLA \$11.40

63-10591

Trans. of [Chemische] Berichte (Germany) 1928,
v. 61, p. 1328-1334.

DESCRIPTORS: *Electrochemistry, *Nitric acid,
Nitrogen compounds, Ions, Salts.

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

63-10591

1. Hantzsch, A.
H. Berger, K.

Office of Technical Services

Fryantshukov, N. D.
THE ACTION OF SILENT ELECTRICAL DIS-
CHARGE ON HYDROCARBONS OF THE ETHYLENE
SERIES. (Über die Gaswirkung der Stillen Elektrischen
Entladung auf die Kohlenwasserstoffe der Äthylen-
Reihe) [1961] 11p. 6 refs
Order From SLA \$1.10

CI-20919

Trans. of [Chemische Berichte] (Germany) 1928, v. 61,
p. 1380-1381.

DESCRIPTION: Electric discharges. Hydrocarbons.
Ethylene. Polymerization

(Undimmed off)

CI-20919

1. Fryantshukov, N. D.

Office of Technical Services

Hydrogenation of Fluorene Under Pressure in the
Presence of Nickel or Osmium With the Addition of
Cerium and Thorium, by W. S. Sedilov, A. K. Mikhaylov,
6 pp.

GERMAN, per, Chem Ber, Vol LXIX, 1928, pp 1792-1796.

CIA/FID IX-257
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Feb 1957 CHS/GAM
IAC INTERNAL USE ONLY

44, 180

63-14425

Dede, L. and Russ, W.
CONTRIBUTIONS TO THE KNOWLEDGE OF GER-
MANIUM. I. THE WORKING UP OF GERMANITE;
THE PREPARATION OF PURE GERMANIUM DIOXIDE
AND PUREST GERMANIUM TETRACHLORIDE.
[1961] 18p. (figs. omitted) 11 refs.
Order from SIA \$1.60

63-14425

Trans. of [Chemische] Berichte (Germany) 1928,
v. 61, p. 2451-2459.

DESCRIPTORS: Germanium, *Germanium compounds,
Dioxides, *Chlorides, Copper compounds, Minerals,
Oxides, Gallium compounds, Purification, Chemical
reactions.

(Chemistry--Inorganic, TT, v. 10, no. 5)

- I. Title: Germanite
- I. Dede, L.
- II. Russ, W.
- III. Title: Working ...
- IV. Title: Preparation ...

Office of Technical Services

63-10690

Ipatiev, V. and Orlov, N.
PYROGENETIC DISSOCIATION OF FEW AROMATIC
COMPOUNDS UNDER HYDROGEN-PRESSURE AND
WITH THE COORDINED ACTION OF CATALYSTS.
[1962] 13p. 16 refs.
Order from SLA \$11.60

63-10690

Trans. of Chemische Berichte (Germany) 1927, v. 60,
p. 1963-1971.

DESCRIPTORS: Heat, *Dissociation, Benzenes,
*Hydrogen, *Pressure, Catalysts, Catalysis, Aluminum
compounds, Oxides, *Organic compounds, *Pyrolysis,
Phenols, Cresols, Aniline, Methanes, Tetralin, Biphenyl,
Naphthalene, Anthracenes, Mesitylene, Naphtha.

(Chemistry--Physical, TT, v. 10, no. 2)

I. Ipatiev, V.
II. Orlov, N.

Office of Technical Services

63-16836

Lange, Willy.
ON A SOLUTION OF PHOSPHORO-HEXAFLUORIC ACID.
[1963] [7]p. 8 refs.
Order form SLA \$1.10

63-16836

Trans. of [K. H. Borchers] Berthel (Germany) 1928, v. 61,
p. 799-800.

DESCRIPTORS: *Phosphorus compounds, *Fluorides,
Salts, inorganic acids, Chemical reactions

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

I. Lange, W.

Office of Technical Services

TT-65-13810

Field IC

Brown, J., Nims, G.
BENZOPOLYMETHYLENE COMPOUNDS. XIV. HEAT
REARRANGEMENT OF -ARYLINDENES TO -ARY-
LINDENES. Jp.
Order from SLA: \$1.10 as TT-65-13810

Trans. of Deutsche. Chemie (Germany) v63b p1068-68
1939.

I. Title: Heat ...

MR 666

Mollerhauer, Wilhelm and Mottig, H.
THE COMBINATION OF ALKALI METALS AND
NITROGEN UNDER THE INFLUENCE OF ELECTRIC
DISCHARGES. [1963] 6p (8p omitted) 8refs
Order from SLA \$1.10 TT-64-10131

Trans. of [Chemische Berichte] (Germany) 1929,
v. 62, p. 1934-1939.

DESCRIPTORS: *Alkali metal compounds, *Cesium
compounds, *Francium compounds, *Potassium com-
pounds, *Sodium compounds, *Azides, Nitrides,
Synthesis (Chemistry).

(Chemistry--Inorganic, TT, v. 11, no. 4)

TT-64-10131

I. Mollerhauer, W.
II. Mottig, H.

Office of Technical Services

Staudinger, H. and Schweitzer, O.
ABOUT THE POLY-ETHYLENE OXIDES (Über
Hochpolymere Verbindungen, 20. Mittell. Über die
Poly-Aethylinoxyde). Communication 20 on High-Poly-
meric Compounds. [1963] [17p] (foreign text included)
32refs
Order from SLA \$1.60

TT-64-10059

Trans. of Chemieische Berichte (Germany) 1929, v. 62,
p. 2395-2405.

DESCRIPTORS: *Polymers, *Ethylene, *Oxides,
Decomposition, Molecular weight, Viscosity, Heat of
fusion, Solubility, Crystal structure,

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10059

1. Staudinger, H.
2. Schweitzer, O.
III. Title: High ...

Office of Technical Services

Busch, M. and Schmidt, Walter.
CATALYTIC HYDROGENATION OF ORGANIC
HALOGEN COMPOUNDS. [1962] 15p.
Order from K-H #14.75

K-H 3411 c

Trans. of [Chemisches] Institut (West Germany)
1929, v. 62, p. 2612-2620.

DESCRIPTORS: *Halogen compounds, *Organic
compounds, *Hydrogenation, *Catalysts.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12979

I. Busch, M.
II. Schmidt, W.
III. K-H-3411-c
IV. Kresge-Hooker Science
Associates, Detroit, Mich.

Office of Technical Services

New Synthesis of Fulminic Acid, by L. Wohler, Al, Weber,
A. Hertenstein.
CHEMAB, Ber, Chemische Berichte (West Germany), Vol 62
1929, pp 2742-2758.
CABRI ID-65-61368

313,232

Sol. -
Oct. 56

Action of Hydrogen on Organometallic
Compounds Under High Pressure. I.
Action of Hydrogen on Organometallic Lead
Compounds of the Type PbR_4 , by
V. N. Ipat'ev, G. A. Rasuvaev, et al.
GERMAN, per, Chemische Berichte,
1950, pp 335-342. Vol LXIII,
SLA TT 64-14927

Sci

May 67

327,21.1

Metall Oxides and Caustic Soda, by J. D.
Ans, J. Löffler, 5pp.
GERMAN, per, Chemische Berichte, Vol 63,
No 6, 1930, pp 1446-1455.
CFBTI TT-64-18839.

322,307

Sci - Chemistry
Mar 67

Oet, Erwin, Oltmeyer, Walter, and Packendorf,
Kurt.
GONCHLUNG DICHLO-ACETYLENE (Über das
Dichloro-Acetylen). [1963] [10p] (foreign text included)
10 refs
Order from SLA \$1.10

TT-64-10070

Trans. of [Chemische Berichte] (Germany) 1930, v. 63,
p. 1941-1944

DESCRIPTORS: *Acetylenes, Chlorides, Chemical
properties, Synthesis (Chemistry).

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10070

1. Title: Dichloroacetylene

1. Oet, E.

II. Oltmeyer, W.

III. Packendorf, K.

Office of Technical Services

The Reaction of Nitrites With Amino-Sulfonic Acid
and an Identification and Determination of Nitrous
Acid in the Presence of Nitric Acid, by Paul Langemann
Ilse Marggraf.

Chemisch
CHEMUS, par, Her, Vol LXIII, 1930, pp 1019-1024.

AEC Tr 1678

ElDor - Germany
Scientific - Chemistry

Sep 53 CTS

5686

Electrolysis in Liquid Ammonia: Reactive Forms of
Free Radicals, by S. Goldschmidt, F. Nagel.
GERMAN, per, Chemische Berichte, Vol 64B, 1931,
pp 1744-1755.
Dept of Navy AFL/JHU T-2496

April 71

The Spontaneous Polymerization of Cyano-
acetic Acid Chloride, a Simple Synthesis
of the Alkaloid Nicotinic, by C. Schroeter.
GERMAN, Jber, Chemische Berichte, Vol 65B,
1932, pp 532-45.
INCH-8660

327, 348

Sci - Chem
Jul 67

Preudenberg, Karl and Soff, Karl.
THE ACETOLYSIS OF CELLULOSE. [1963] 18p.
42 refs.
Order from SLA #1.60

63-14379

Trans. of [Chemische] Berichte (Germany) 1933, v. 66,
p. 19-27.

DESCRIPTORS: *Polysaccharides, *Cellulose, Decom-
position, Chemical bonds, Glucose.

(Chemistry--Organic, TT, v. 10, no. 4)

63-14379

I. Preudenberg, K.
II. Soff, K.

Office of Technical Services

TT-64-18025

Traube, W., Kuhnler, F., and Hürting, H.
CONCERNING THIRRIC COMPLEX SALTS OF
ALIPHATIC POLYOXY COMPOUNDS. 13p 5 refs.

Order from S.A. \$1.00

TT-64-18025

I. Traube, W.
II. Kuhnler, F.
III. Hürting, H.

Trans. of Sammlung Berichte (Germany) 1933, v. 66
(no. 10) p. 1543-1556.

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

Nenitzescu, Constantin D. and Dragan, Alexander.
ON THE INFLUENCE OF ALUMINUM CHLORIDE
UPON n-HEXANE AND n-HEPTANE, ALONE AND
IN PRESENCE OF HALOGEN DERIVATIVES: A
CONVERSION OF PARAFFINE-HYDROCARBONS INTO
CYCLOPARAFFINE-HYDROCARBONS. Treatise 8 on
Catalytic Reactions by Means of Aluminum Chloride.
[1962] 10p. 16 refs.
Order from SLA #11.10

63-10454

Trans. of [Chemische] Berichte (Germany) 1933, v. 66,
p. 1892-1900.

DESCRIPTORS: *Catalysis, *Aluminum compounds,
*Chlorides, *Hexanes, *Heptanes, *Halogen compounds,
Acetyl radicals, Hydrocarbons, Monocyclic compounds.

(Chemistry--Organic, TT, v. 10, no. 1)

63-10454

- I. Nenitzescu, C. D.
- II. Dragan, A.
- III. Conversion ...
- IV. Catalytic ...

Office of Technical Services

The Reaction of Aldehydes with Metals and Their
Catalytic Pressure Hydro-Genation, by Julius
von Braun, Gottfried Mann, 6 p.

GERMAN, part, partial trans, Chem Berichte, 1934,
Vol. LXVIII, pp 1696, 1712.

SLA 60-10567

Sci

May 60
Vol 3, No 4

Malachowski, R. and Jankiewiczówna, J.
HEXAHYDROTEREPHTHALIC ACIDS. [1961] [7]p.
7 refs.

Order from SLA \$1.10

60-18466

Trans. of [Chemische] Berichte (Germany) 1934, v. 67B,
p. 1783-1788.

DESCRIPTORS: *Phthalic acids, Acids.

(Unannounced)

60-18466

I. Malachowski, R.
II. Jankiewiczówna, J.

Office of Technical Services

The Preparation of Corpus Luteum Hormone From
Stigmasterol, by E. Fernholz, 7 pp.

GERMAN, per, Chemische Berichte, Vol LXVII,
1934, pp 2027-2031.

SLA 60-10822

Sd1

OMS, Vol III, No 7

133,068

Nov 60

Schwarz, Robert and Achenbach, Heinz.
INTERGROUP PERIODIC NO.: [1962] 11p. 22 refs.
Order from SLA 11.66 63-10610

Trans. of [Zeitschrift] Berichte (Germany) 1935, v. 68,
p. 343-349.

DESCRIPTORS: *Nitrogen compounds, *Peroxides,
Synthesis, Glow dischargers, Chemical analysis

(Chemistry--Inorganic, TT, v. 10, no. 1)

63-10610

I. Schwarz, R.
II. Achenbach, H.

Office of Technical Services

On Highpolymers, by H. Staudinger, B.
Ritzenthaler, 6pp.
GERMAN, per, Chemische Berichte, Vol 68,
1935, No 3, pp 455-471
CFSTI TT-64-10897

322,339

Sci - Chem
Apr 67

Diagnostic Investigations of the Ovarian Cycle
by Omar Eludisch, 11 pp.

GERMAN, per, Chem Ber, Vol LXVIII, No. 5, 1968
pp 769-775.

SLA 59-15794

Sci
Dec 58
Vol 28, No 5

103,648

Spath, E. and Zajic, Emil.
1-NORNICOTINE. Article 3 on Tobacco Bases. [1962]
Sp.

Order from K-H 5110.00

K-H-3366-b

Trans. of [Chemische Berichte] (Germany) 1935, v. 68,
p. 1667-1669

DESCRIPTORS: *Tobacco, Nicotine, *Alkaloids.

(Chemistry: Analytical, TT, v. 9, no. 7)

62-27763

I. Spath, E.
II. Zajic, E.
III. Title: Tobacco...
IV. K-H-3366-b
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Freudenberg, Karl and Blomqvist, Gunnar.
THE HYDROLYSES OF CELLULOSE AND ITS
OLIGOSACCHARIDES. [1963] 34p. 31 refs.
Order from SLA \$3.60 63-14219

Trans. of [Chemische] Berichte (Germany) 1933,
v. 66, p. 2000-2013.

DESCRIPTORS: *Cellulose chemistry, Cellulose,
*Saccharides, Hydrolysis, Reaction kinetics,
Molecular structure, *Sulfuric acid.

(Chemistry, TT, v. 10, no. 6)

63-14219

I. Freudenberg, K.
II. Blomqvist, G.

Office of Technical Services

New Reactions of Photopyridine. As Well As the
Properties of Several Pyridine Derivative in the
UV Region, by H. Freytag.

GRUNMAN, per Chem. Ber. Vol. 69. 1936, pp 30-40

DB 131/T 4867

Sol. *

Sep 67

359-839

Ehnestam, A. et al.
ON THE BEHAVIOR OF CELLULOSE IN SOLUTIONS OF MINERAL ACIDS. I. THE DETERMINATION OF THE MOLECULAR WEIGHT IN PHOSPHORIC ACID SOLUTION. [1963] 10p. 10 refs.
Order from SLA \$1.10 63-14220

Trans. of [Chemische] Berichte (Germany 1936, v. 69, p. 529-550).

DESCRIPTORS: *Cellulose chemistry, *Conson, Cellulose, Solutions, Molecular weight, Determination, Viscosity, *Phosphoric acids.

(Chemistry, TT, v. 10, no. 6)

63-14220

I. Ehnestam, A. et al.
II. Title: Determination...

Office of Technical Services

Ekman, A. of.
ON THE BEHAVIOR OF CELLULOSE IN SOLUTIONS OF MINERAL ACIDS. II. KINETIC STUDY OF THE HYDROLYSIS OF CELLULOSE IN ACID SOLUTIONS. [1903] 16p. 8 refs.
Order from SIDA \$1.60

63-14221

Trans. of ~~Chemische~~ Reichs (Germany) 1936,
v. 60, p. 553-559.

DESCRIPTORS: *Cellulose chemistry, *Cotton, *Paper, Cellulose, Solutions, Hydrolysis, Reaction kinetics, Heat of activation, Viscosity, *Phosphoric acids, *Sulfuric acid.

(See also 63-14220)

(Chemistry, TT, v. 10, no. 6)

63-14221

I. Ekman, A. of
II. Title: Kinetic...

Office of Technical Services

Contributions To the Chemistry of Germanium. Rept XVI
Phenylgermanium, by Robert and Schmeisser Schwarz,
Martin, 14 pp.

GERMAN, Per, Chemische Ber, 1936, Vol LXIX, No 1,
pp 579-585.

SLA 59-15079

841

Oct 59

Vol. 2, No 3

99,896

TT-69-12250 Field TC

Vanags, G.
THE 2-NITRO-INDANONE-1,3 AND ITS SALTS. 9p.
18 refs.
Order from SIA: \$1.10 as TT-69-12250

Trans. of ~~Chemische Berichte~~ (Germany) v69 p1066-74
1936.

I. Vanags, G.

MR 626

TT-64-16558

Mannich, C., Handke, K., and Roth, K.
CONCERNING THE FORMATION OF ENAMINES AND
ALLENE AMINES FROM β -UNSATURATED ALDE-
HYDES AND SECONDARY BASES. 12p 19refs
Order from SLA 111.00 TT-64-16558

Trans. of [Chemische Berichte (Germany) 1936,
v. 69B, p. 217-218].

- I. Mannich, C.
- II. Handke, K.
- III. Roth, K.

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

Müller, E. and Ehrmann, Kurt.
ON THE ACTION OF ULTRAVIOLET LIGHT ON
HALOGEN-HYDROCARBONS, II. [1963] 7p (refs
omitted)

Order form SLA \$1. 10

TT-64-10052

Trans. of [Chemische] Ber[ichte] (Germany) 1936, v. 69,
p. 230-240.

DESCRIPTORS: *Ethanes, *Chlorides, *Vinyl chlorides,
*Benzene, *Alkynes, *Benzyl radicals, Ultraviolet
radiation, Mercury lamps, Absorption spectrum,
Acetyl radicals, Acetic acids, Benzol radicals,
Benzole acids, Plastics, Hydrocarbons, Halogen com-
pounds,

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10052

I. Müller, E.
II. Ehrmann, K.

Office of Technical Services

The Action of Acetyl Chloride and Carbon Monoxide on
Saturated Hydrocarbons in the Presence of Aluminum
Chloride, by H. Hopff, et al.

CHERIAN, per, Chem. Ber., Vol LXX, 1936, pp 2244-2251.

ATS 257-43

Sci - Chem
Nov 59

100,376

Baudisch, Oskar and Holmes, Stewart.
THE ACTION OF HYDRAZINE HYDRATE ON
SPECTRALLY PURE IRON OXIDES PREPARED BY
DIFFERENT METHODS. [1961] 9p. (footnotes
omitted).

Available on loan from SLA

62-10131

Trans. of [Chemische] Ber[ichte] (Germany) 1937,
v. 70, p. 223-227.

DESCRIPTORS: Iron compound, Oxides, Hydrazine
hydrate, Hydrates, Chemical reactions.

(Unannounced)

62-10131

I. Baudisch, O.
II. Holmes, S.

Office of Technical Services

Self

R-4031-D/b 1/7

21 Apr 64

Some Investigations of Laminol, by Wolfgang Langenbeck,
Chemische Berichte, Vol 70, 1937, pp 367-369

German - estimated foreign words:

Type cannot ready copy.

Wiberg, E. and Ramechan, W.
A NEW BORIC ACID ("HYPO-BORIC ACID") WITH
THE FORMULA $H_4 B_2 O_6$ AND ITS ESTER. [1963]
9p (with abstract)
Order from SIA \$1.10

TT-63-23301

Trans. of [Chemische Berichte] (Germany) 1937, v. 70,
p. 1895-1896.

DESCRIPTION: "Boric acids, Esters, Methyl radicals,
Ethyl radicals, Synthesis (Chemistry), Saponification,
Boronization.

(Chemistry, TI), v. 11, no. 3)

TT-63-23301

I. Wiberg, E.
II. Ramechan, W.

Office of Technical Services

TT-45-12151

Field TC

Vanags, G., Lode, A.
EXPERIMENTS ON NITROHYDREN PREPARATION FROM
3-NITRO-INDANOLIN II-1.3. 7p, 12 refs.
Order from ELA: \$1.14 on TT-45-12151

Trans. of Chemische Industrie (Germany) v71 p1267-72
1938.

I. Vanags, G.
II. Lode, A.

MR 628

On the Reaction of Thiocyanic Acid With
Cyanic Acid and On Carbamic Acid Isothiocyanate,
by Lothar Birkenbach, Karl Kraus, 5 pp.
GERMAN, per, Chemische Ber, 1938, Vol 71,
No 7, pp 1492-1497.
SLA TT 64-18026

Jul 66

305,469

62-10110

Alder, K. and Wendenburg, E.
KNOWLEDGE OF DIENE SYNTHESIS - Communica-
tion no. 1 on Diene Synthesis with Alpha Compounds
[1951] 1 vol. 1 fasc.
Order form (HVA \$1.00) 62-10110

Trans. of Chem. Soc. Berichte (Germany) 1948,
v. 71, p. 1946-1951.

DISCUSSIONS: *Diene synthesis, *Condensation
reactions

(Unpublished)

- I. Alder, K.
- II. Wendenburg, E.
- III. Title: None

Office of Technical Services

TT-64-10051

Hess, Kurt and Frahm, Herman.
CONCERNING PREPARATION AND PROPERTIES OF
FULLER DIOXANE: (Über Darstellung und Eigenschaften
von Reinem Dioxan). [1963] [24p] (foreign text included)
35ref#
Order from S.I.A. \$2.60

TT-64-10051

Transl. of [Chemisches Berichts] (Germany) 1938,
v. 71, p. 2727-2735.

DESCRIPTOR: *Dioxanes, Synthesis (Chemistry).
Oxidation,

(Chemistry--Organic, TT, v. 11, no. 5)

I. Hess, K.
II. Frahm, H.

Office of Technical Services

Serini, A., Logemann, W., and Hildebrand, W.
PREPARATION OF SUBSTANCES CONTAINED IN
ADRENAL CORTEX. [1961] 7p.
Order from ATB \$9.40

ATS-04N52G

Trans. of [Chirurgische] [Berichte] (West Germany) 1939,
v. 72, no. 2, p. 391-397.

DESCRIPTORS: *Adrenal cortical extract, Adrenal
glands, Preparation.

(Uninterpreted)

61-22648

- I. Serini, A.
- II. Logemann, W.
- III. Hildebrand, W.
- IV. ATS-04N52G
- V. Associated Technical
Services, Inc., East
Orange, N. J.

184151

Office of Technical Services

Chloralchlorosalicylamides and Their Methyl
Ethers, by N. W. Hirvo, K. N. Rana, 9 pp.

GERMAN, Chemische Berichte, Vol LXXIIB, 1939,
pp 1346-1353.

SLA 60-10534

Sci

OTB, Vol XII, No 6

Sep 60

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The Reaction of Boron Fluoride With Boron Trichloride, Carbonates as Well as Nitrates and Some Information About a Presumable Boron Oxy Fluoride,
by Paul Baumgarten, Warner Bruns, 14 pp.

Chemab, per, Chemische Berichte, No 6, 1939,
pp 1753-1762.

SLA 59-15363

Sci. - Chem
Dec 59
Vol. 2, No 4

102,801

63-14198

Freudenberg, Kurt; Lautsch, Willy, and Engler,
Kurt.
FORMATION OF VANILLIN FROM FINE LIGNIN.
(1963) 11p. (refs. omitted).
Order from SLA \$1.60 63-14198

Trans. of [Chemische Ber[ichte] (Germany) 1960,
v. 73, p. 167-171.

DESCRIPTORS: *Benzaldehydes, Alkoxy radicals,
Hydroxybenzyl, Synthesis (Chemistry), *Lignin, Wood,
*Sulfonate pulp, Oxidation, Methyl radicals, Esters,
Carbonyl acids.

I. Title: Vanillin
I. Freudenberg, K.
II. Lautsch, W.
III. Engler, K.

(Pool, IT, v. 10, no. 4)

Office of Technical Services

An Anti-Neuritically Active Oxidation Product
of Aneurine, by O. Zima, R. R. Williams,
11 p.
GERMAN, per, Chem Berichte, Vol 73, No 9,
1940, pp 941-949.
CFFPI TM-64-18846

321,675

Sci - Chemistry
Mar 67

On N-Glycosides, Report III. Steric Course of Hydro-
rotation of Iso-Glycosaminos; Rotational Laws for
N-Polyoxyalkylflavines and N-Polyoxyalkylamino-
benzenes, by Friedrich Weygand, 11 pp.
GERMAN, per, Chem Ber, Vol LXXIII, 1940, pp 1278-1283
ARC-Tr-6262 9220763

Sci-Mar & Met
Mar: 64

252,226

Freudenberg, Karl and Adam, K.
CARBONIZATION OF LIGNINS IN A STREAM OF
HYDROGEN. [1963] 18p.
Order from K-H 522.50 K-H 6234-a

Trans. of [Chemische] Berichte (Germany) 1941,
v. 74, no. 3, p. 387-397.

DESCRIPTORS: *Carbonization, *Lignins, Hydrogen.

(Chemistry--Organic, TT, v. 8, no. 5)

62-17950

- I. Freudenberg, K.
- II. Adam, K.
- III. K-H-6234-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

The Synthese of 6'-Methoxy-9-Oxy-Rubanes, A
Contribution to the Mode of Action of Quinine and
Quinidine, by Paul Rabe, Gustave Hagen, 6 pp.
GERMAN, per, Chem Ber, 1941, vol 74, no 4.
pp 636-647.
SLA TT 64-18033

Jul 66

305,441

The Reaction of Boron Fluoride With Aluminum Oxide, Silica Dioxide as Well as Silicates and the Possible Application of This Reaction to the Decomposition of Aluminum-Containing Silicates for the Preparation of Starting Materials Suitable for Use in the Manufacture of Aluminum, by Paul Baumgarten, Werner Bruns, 7 pp.

GERMAN, per, Chemische Berichte, Vol LXXIV B, No 6, 1941, pp 1232-1236.

SLA 59-15364

Sci
Dec 59
Vol 2, No 4

102, 726

Ploetz, Theodor and Bartels, Hilde.
THE QUANTITATIVE DETERMINATION OF LEVULINIC ACID. [1963] 14p. 5 refs.
Order from SLA \$1.60

63-14222

Trans. of Chemical Institute (Germany) 1941,
v. 74, p. 1494-1505.

DESCRIPTORS: Carbohydrates, *Hexoses, Decomposition, *Valeric acids, Quantitative analysis, Reagents, Iodine, Thiosulfates.

(Chemistry--Analytical, TT, v. 10, no. 6)

63-14222

I. Title: Levulinic acid.
I. Ploetz, T.
II. Bartels, H.

Office of Technical Services

Zemplen, Geza and Bogvar, Reseo.
CONSTITUTION AND SYNTHESIS OF LINARIN AND
PECTOLINARIN FROM THEIR AGLUCONES AND
FROM RUTINOSIDE, 6p Breda.
Order from SLA \$1.10

TT-64-18036

Trans. of Chemische Berichte (Germany) 1941,
v. 71 (no. 17) p. 1818-1824.

(Biological Sciences--Biochemistry, TT, v. 12, no. 4)

TT-64-18036

I. Zemplen, G.
II. Bogvar, R.

Office of Technical Services

Thiocyyl Imide - SOEH, 11 pp.

OSMAN, per, Chem Ber, Vol. LXXV, 195 1942,
pp 94-99.

CIA/PID XX-B38
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Feb 1957 CTS/dex
IAC INTERNAL USE ONLY

44, 181

Phosphonitrile Compounds. Part 1. Phenyl Deriva-
tives of Triphosphonitrile Chloride, by H. Bode and
H. Guck, 11 pp.

GERMAN, *pt.*, Chem Ber, Vol LXXV, No 3, 1942, pp
215-226.

MPS-3073G

Sci.

Aug 58

Cass Tech
Sec 71, 153

Arnold, H. [Helmert, E., Möbus, Th.] and others.
LONG-CHAIN SULFONAMIDES AND THEIR THERA-
PEUTIC CHARACTERISTICS. 10p 35refs.
Order from SLA \$1.10

TT-64-18037

Trans. of [Chemische Berichte] (Germany) 1942,
v. 75 (no. 4) p. 369-378.

TT-64-18037

I. Arnold, H.
II. Helmert, E.
III. Möbus, T.

(Biological Sciences--Pharmacology, TT, v. 12, no. 4)

Office of Technical Services

Overbeck, Wilhelm and Müller, Friedrich.
THE PNE-HYDROLYSIS OF VARIOUS WOODS WITH
WATER UNDER PRESSURE AND THE INDUCED
ALTERATIONS IN THE WOOD CONSTITUENTS,
PARTICULARLY IN THE LIGNIN. [1963] 13p. 6 refs.
Order from SLA \$1.60 63-14223

Trans. of Chemische Berichte (Germany) 1942,
v. 75, no. 5, pp. 547-554.

DESCRIPTORS: *Wood, Degradation, Pressure,
Water, *Hemicellulose, *Cellulose, Hydrolysis,
Acetic acids, Formic acids, *Lignin, Carbohydrates,
Monosaccharides, Polysaccharides, Solubility.

(Materials--Wood, IT, v. 10, no. 7)

63-14223

I. Overbeck, W.
II. Müller, F.

Office of Technical Services

<p>1. Title: [REDACTED]</p> <p>2. Author: [REDACTED]</p> <p>3. Subject: [REDACTED]</p> <p>4. Source: [REDACTED]</p> <p>5. Date: [REDACTED]</p> <p>6. Classification: [REDACTED]</p> <p>7. Remarks: [REDACTED]</p>	<p>1. Title: [REDACTED]</p> <p>2. Author: [REDACTED]</p> <p>3. Subject: [REDACTED]</p> <p>4. Source: [REDACTED]</p> <p>5. Date: [REDACTED]</p> <p>6. Classification: [REDACTED]</p> <p>7. Remarks: [REDACTED]</p>
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Abstract of
A METHOD OF DEHYDROHALOGENATION OF
HIGH-MOLECULAR-WEIGHT ALKYL HALIDES
WITHOUT DISPLACEMENT OF THE DOUBLE BOND,
[1951] 4p.

Order from ATS \$0.50

ATS-67N49G

Trans. of [Chemische] Ber[ichte] (Germany) 1942,
v. 75, p. 680-683.

(Chemistry--Organic, TT, v. 5, no. 10)

61-12723

1. Alkyl halides--
Dehydrogenation
2. Alkyl halides--Chemical
reactions
1. Asinger, F.
- II. ATS 67N49G
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

61-10578

Menzel, Waldemar.
 CONCERNING ALUMINUM OXYHALIDES (Über die
 Einwirkung von Aluminiumhalogeniden auf Aliphatische
 Äther. II. Mittell.: Über Aluminiumoxy-halogenide)
 Comment. 1 Concerning the Action of Aluminum Halides
 on Aliphatic Ethers. [1961] [10]p. 7 refs.
 Order from SLA int51.80, ph51.80 61-10578

Trans. of Chem. [unclear] Berichte (Germany) 1942,
 v. 35, p. 1055-1061.

Addition compounds of aluminum halides and aliphatic
 ethers are split by heat into aluminum oxyhalides and
 alkoxyhalides. The Al-oxyhalides are very hygroscopic
 and cannot be sublimed or distd. They are insol. in
 benzene and hydrocarbons but sol. in nitrobenzene and
 acetone (thick, colored solns.). They are decomposed
 by water and alcohol, ethyl alcohol forming aluminum
 ethoxydichloride. Al-oxy-chloride forms with 2 moln
 NH_3 a crystalline double compd., $\text{Al}(\text{Ox})_2 \cdot 2\text{NH}_3$. The
 compound is unstable and gives off NH_3 . (Author)

(Chemistry--Organic, TT, v. 5, no. 10)

1. Aluminum halides--
Properties
2. Ethers--Chemical
reactions
1. Menzel, W.
- II. Title: Concerning...

101580

Office of Technical Services

TT-64-10050

Ott, Erwin.
 CONCERNING DICHLOROACETYLENE. III. PREPARA-
 TION AND SOME CLASS EXPERIMENTS WITH THIS
 SAFELY MANAGEABLE MOLECULAR COMPOUND
 WITH ETHER (Über das Dichloroacetylen. III. Darstel-
 lung und Einige Versuchsversuche mit der Gefährlich-
 keit Handhabenden Molekülverbindung mit Äther). [1963]
 [14p] (Foreign text included) 8 refs
 Order from SLA \$1.60 TT-64-10050

Trans. of Chem. [unclear] Berichte (Germany) 1942, v. 35,
 no. 12, p. 1517-1522.

DESCRIPTORS: Acetylenes, Chlorides, Synthesis
 (Chemistry), Handling, Ethers, Solutions.

(Chemistry--Organic, TT, v. 11, no. 4)

1. Title: Dichloroacetylene
1. Ott, E.
- II. Title: Preparation ...
- III. Title: Darstellung ...

Office of Technical Services

MCS-310 141

Field TD

Reuben, W.; Jung, F.
CATALYST BY MITTROMGLOBIN (HEMOGLOBIN).
May 68, 11p, 11p. TC-738.
Order from TC: M1511.00 on TC-738

Trans. of Chem. Abstr. (West Germany)
v75 n13 p1406-45 1/141.

I. Reubner, W.
II. Jung, F.
III. TC-738
IV. Trans-Chem, Knoxville,
Tenn.

Ott, Erwin, Dittus, Georg, Weissenburger, Helmut,
and Sossalla, Walter.
CONCERNING DICHLOROACETYLENE. IV. POLY-
MERIZATION AND REACTIONS WITH AMMONIA,
AMINES, ALCOHOLATES, AND SODIUM MALONIC
ESTER. V. ACTION OF MONO- AND DI-CHLORO-
ACETYLENE ON AMINES. VI. REACTIONS OF
DICHLOROACETYLENE WITH ORGANOMAGNESIUM
COMPOUNDS, DIAZOTIC ESTER, AND NITROGEN
DIOXIDE (Über das Dichloroacetylen, IV, V, VI). [1963]
[26p] (foreign text included) 6refs
Order from SLE \$2.60

TT-64-10069

Transl. of [Chemische] Berichte (Germany) 1963, v. 76,
p. 80-89.

DESCRIPTORS: *Acetylenes, Chlorides, Polymeriza-
tion, *Ammonia, *Amines, Alcohols, Salts, *Malonic
esters, Sodium compounds, *Metalorganic compounds.
(Chemistry - Organic. TT, v. 11, no. 5) (over)

TT-64-10069

1. Title: Alcoholates
2. Title: Chloroacetylene
3. Title: Dichloroacetylene
4. Title: Ethyl diazoacetate
- I. Ott, E.
- II. Dittus, G.
- III. Weissenburger, H.
- IV. Sossalla, W.
- V. Title: Polymerization...
- VI. Title: Action...
- VII. Title: Reactions...

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DESCRIPTORS: Separation, *Amino acids, *Chroma-
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The chromatographic separation of neutral amino acids
was successfully done by two methods: by adsorption
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