

UNCLASSIFIED

AD NUMBER
AD401270
NEW LIMITATION CHANGE
TO Approved for public release, distribution unlimited
FROM Distribution authorized to U.S. Gov't. agencies and their contractors; Foreign Government Information; DEC 1963. Other requests shall be referred to US Library of Congress, Attn: Aerospace Technology Division, Washington, DC.
AUTHORITY
ATD ltr, 2 Dec 1965

THIS PAGE IS UNCLASSIFIED

ASTIA

COPY

401 270

STEP

AUTHOR:

(8) NA

None given

TITLE:

(6) Synthesis of cyclobutadiene

PERIODICAL:

(15) *(trans. from)* Przegląd Techniczny, no. 3, (1963)

TEXT:

Cyclobutadiene has been synthesized, for the first time, as a compound with Ag salts, at the Chemical Research Center of the Academy of Sciences of the Rumanian People's Republic, under the direction of K.D. Nekicescu. Butadiene synthesis has been attempted over the past 50 years in many countries, but proved unsatisfactory owing to the instability of this compound. Chemical structure of cyclobutadiene was determined by the physical properties, i.e. by ir and NMR spectra. The synthesis of cyclobutadiene possesses considerable theoretical and practical value.

[Abstracter's note: Complete translation]

Card 1/1

P/005/63/000/003/001/001
D204/D307

u

(5) 17511

Ld