

By Mrs. Padula, a petition (accompanied by bill, Senate, No. 1549) of Mary L. Padula and Augusta Hornblower for legislation relative to property tax relief for the elderly. Taxation.

The Commonwealth of Massachusetts

In the Year One Thousand Nine Hundred and Eighty-Six.

AN ACT RELATIVE TO PROPERTY TAX RELIEF FOR THE ELDERLY.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 SECTION 1. Clause forty-first B of section 5 of Chapter 59 of the Gen-
2 eral Laws is hereby amended by striking out the words "ten thousand"
3 wherever they appear and inserting in place thereof the following
4 words: —
5 eighteen thousand

1 SECTION 2. Clause forty-first B of section 5 of Chapter 59 of the Gen-
2 eral Laws is hereby amended by striking out the words "twelve thousand"
3 wherever they appear and inserting in place thereof the following
4 words: —
5 twenty thousand

1 SECTION 3. Clause forty-first B of section 5 of Chapter 59 of the Gen-
2 eral Laws is hereby amended by striking out the words "twenty thousand"
3 wherever they appear and inserting in place thereof the following
4 words: —
5 thirty-five thousand

1 SECTION 4. Clause forty-first B of section 5 of Chapter 59 of the Gen-
2 eral Laws is hereby amended by striking out the words "twenty-three thou-
3 sand" and inserting in place thereof the following words:—
4 forty thousand

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF ORGANIC CHEMISTRY
505 EAST HALL
CHICAGO, ILLINOIS 60607

SYNTHESIS OF 2,4-DINITROPHENOL

2,4-Dinitrophenol is a yellow crystalline solid, soluble in water and organic solvents. It is used in the synthesis of dyes and as a reagent in analytical chemistry.

The synthesis of 2,4-dinitrophenol is carried out by the nitration of phenol. Phenol is dissolved in concentrated sulfuric acid, and then concentrated nitric acid is added. The mixture is stirred at room temperature for several hours.

The reaction mixture is poured into water, and the resulting solid is filtered and washed with water. The crude product is then purified by recrystallization from a suitable solvent.

The yield of 2,4-dinitrophenol is approximately 80%. The melting point is 110-112°C. The infrared spectrum shows characteristic absorption bands for the nitro groups and the phenolic hydroxyl group.

2,4-Dinitrophenol is a strong acid, and its sodium salt is used in the synthesis of various dyes and pigments. It is also used in the synthesis of pharmaceuticals and in the analysis of organic compounds.