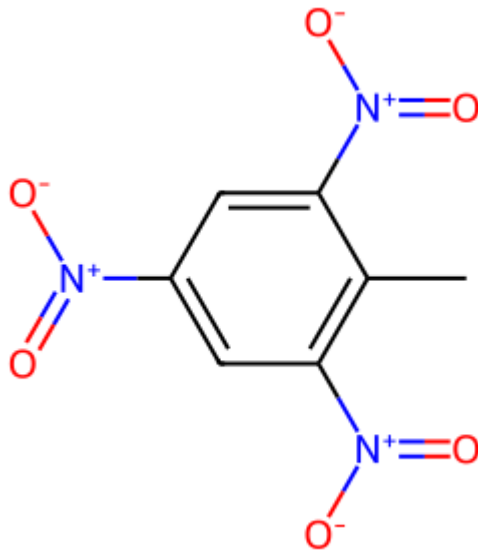# Thermal Hazard Assessment Report

TNT

Properties:

    SMILES: CC1=C(C=C(C=C1[N+](=O)[O-])[N+](=O)[O-])[N+](=O)[O-]

    Name: TNT

    Formular: C7H5N3O6

    mp: None to None $37^{\%}$

Results:

    SMILES: CC1=C(C=C(C=C1[N+](=O)[O-])[N+](=O)[O-])[N+](=O)[O-]

    name: TNT

    mp: None

    mpEnd: None

    Q_dsc: 770.26

    Qunits: J g^{-1}

Interpretation: onsetT: 90.14

    This is my assessment of the molecule initT: 74.02

    On balance: proj: PDF_Test

    Confrimed to be deadly MW: 227.13199999999998

    molForm: C7H5N3O6

    eleComp: 7C, 5H, 3N, 6O

    HEG: 6

    HEG_list: ['CNO', 'CN=O']

    EFG: 6

    EFG_list: ['CNO', 'CN=O']