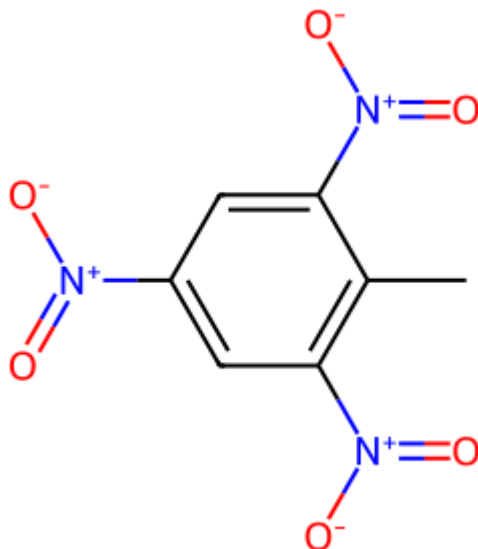


Thermal Hazard Assessment Report

TNT



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

onsetT: 90.14

initT: 74.62

proj: PDF_Test

MW: 227.13199999999998

molForm: C₇H₅N₃O₆

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

Interpretation:

HEG: 6

This is my assessment of the molecule

HEG_list: [CNO, CN=O]

On balance:

EPG: 6

Confirmed to be deadly

EPG_list: [CNO, CN=O]

RoS_val: 29

RoS_des: (Explosive)

OB_val: -73.96579962312664

OB_des: (High Risk)

IS_val: 0.3055678821670196

IS_des: (Impact Sensitive)

EP_val: 0.07800005040527742