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:

High Energy Groups = 6 (CNO, CN=O)

 $Q_{DSC} = 770.26$ $T_{onset} = 90.14$ $T_{init} = 74.62$

Rule of Six = 29 Oxygen Balance = -73.96579962312664

Interpretation:

This is my assessment of the molecule

On balance:

Confrimed to be deadly