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 SITE DATA:
   Location: TLAJOMULCO DE ZUÑIGA, MEXICO
   Building Air Exchanges Per Hour: 0.48 (unsheltered single storied)
   Time: July 22, 2022  1252 hours ST (using computer's clock)

 CHEMICAL DATA:
   Chemical Name: HYDROCARBONS MIXTURE
Molecular Weight: 101.20 g/mol
   Default LOC-1: 1000 ppm   Default LOC-2: 500 ppm
   AEGL-1 (60 min): 300 ppm   AEGL-2 (60 min): 500 ppm   AEGL-3 (60 min): 1000
ppm
   IDLH: 1000 ppm     LEL: 8100 ppm       UEL: 51843 ppm
   Ambient Boiling Point: 31.0° C
   Vapor Pressure at Ambient Temperature: 0.64 atm
   Ambient Saturation Concentration: 770,997 ppm or 77.1%

 ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
   Wind: 2.21 meters/second from wsw at 3 meters
   Ground Roughness: open country         Cloud Cover: 5 tenths
   Air Temperature: 21° C                 Stability Class: B
   No Inversion Height                    Relative Humidity: 50%

 SOURCE STRENGTH:
   Leak from hole in vertical cylindrical tank
   Flammable chemical is burning as it escapes from tank
   Tank Diameter: 2.4 meters              Tank Length: 5.4 meters
   Tank Volume: 24,429 liters
   Tank contains liquid                   Internal Temperature: 21° C
   Chemical Mass in Tank: 10,410 kilograms
   Tank is 80% full
   Circular Opening Diameter: 10 centimeters
   Opening is 0.27 meters from tank bottom
   Max Puddle Area: 14.7 square meters
   Max Flame Length: 0 meters
   Burn Duration: ALOHA limited the duration to 1 hour
   Max Burn Rate: 21.9 grams/min
   Total Amount Burned: 1.31 kilograms
   Note: The chemical escaped as a liquid and formed a burning puddle.
   The puddle spread to a diameter of 4.3 meters.
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