

DISCHARGE SUMMARY

Study Folder: TOP EVENT 1

Unique Audit Number: 491

PHAST v6.00



TOP EVENT 1

Methanol spill out

Outside containment basins

Base Case

Data

 **Weather:** Category 2/F

Speed: 2,00 m/s **Stability:** F

TOP EVENT 1\Methanol spill out\Outside containment basins

User-Defined Quantities

Material	METHANOL
Temperature	44,00 C
Pressure	1,01 bar
Inventory	790,00 kg
Scenario	Leak

Calculated Quantities


Mass Flow of Air (Vent from Vapor Space only) n/a kg/s

Average Values for Segment Number 1

Liquid Fraction	1,00 fraction
Final Temperature	43,87 C
Final Velocity	1,63 m/s
Droplet Diameter	8.12910E-001 mm

Continuous Release Data:

Mass Flowrate	5,93 kg/s
Release Duration	58,78 s
Orifice Velocity	n/a m/s
Exit Pressure	n/a bar
Exit Temperature	n/a C
Discharge Coefficient	n/a
Expanded Radius	n/a m

 **Weather:** Category 5/D

Speed: 5,00 m/s **Stability:** D

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Temperature	44,00 C
Pressure	1,01 bar
Inventory	790,00 kg
Scenario	Leak

Calculated Quantities

Mass Flow of Air (Vent from Vapor Space only) n/a kg/s

Average Values for Segment Number 1

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Exit Pressure	n/a bar
Exit Temperature	n/a C
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Expanded Radius	n/a m