

# DISCHARGE SUMMARY

Study Folder: TOP EVENT 2

Unique Audit Number: 186

PHAST v6.00



## TOP EVENT 2

### Methanol spill out

#### Inside containment basins

##### Base Case

###### Data

Weather: Category 2/F



Speed: 2,00 m/s Stability: F

TOP EVENT 2\Methanol spill out\Inside 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
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##### Calculated Quantities

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

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