

DISCHARGE SUMMARY

Study Folder: TOP EVENT 23

Unique Audit Number: 534

PHAST v6.00



TOP EVENT 23

Propane spill out

LPG tanks

Base Case

Data

Weather: Category 2/F



Speed: 2,00 m/s

Stability: F

TOP EVENT 23\Propane spill out\LPG tanks

User-Defined Quantities

Material	PROPANE
Temperature	44,00 C
Pressure	18,66 bar
Inventory	950,00 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	0,61 fraction
Final Temperature	-42,09 C
Final Velocity	247,63 m/s
Droplet Diameter	2.52923E-003 mm

Continuous Release Data:

Mass Flowrate	161,11 kg/s
Release Duration	5,83 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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Inventory	950,00 kg
Scenario	Leak

Calculated Quantities

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

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