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Study: SPT

Summary Basis

These tables will only report global values set in the parameters. Values that are modified in the study tree will not be reported.

The report is context sensitive, and filters up to the study level. You will need to generate multiple summary reports if you have multiple studies in your workspace.

The results in this report are from the non-CFD calculations only.

Discharge Results (after atmospheric expansion)

Path	Scenario	Weather	Temperature [degC]	Liquid mass fraction in material [fraction]	Droplet diameter [um]	Velocity [m/s]
SPT\41. Paleta TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	20	1	10000	0
SPT\41. Paleta TDI - AEGL2		Category 1.75/D	20	1	10000	0



Dispersion Results

Input dispersion parameters

Core averaging time	18,75	s
Flammable averaging time	18,75	s
Toxic averaging time	Toxic averaging time = exposure duration	s
Height of interest	1	m

Distance downwind to minimum defined concentration

The reported concentration of interest is defined at the scenario

Path	Scenario	Weather	Material	Material to track	Minimum concentration of interest [ppm]	Averaging time used for concentration of interest [s]	Distance downwind to minimum concentration of interest [m]
SPT\41.1 Paleta TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	TDI	TDI	0,51	ERPG (3600)	986,993
SPT\41.1 Paleta TDI - AEGL2		Category 1.75/D	TDI	TDI	0,083	ERPG (3600)	2845,36



Distance downwind to flammable concentrations

Concentration at maximum defined distance downwind

The reported distance of interest is defined at the scenario

Path	Scenario	Weather	Material	Material to track	Maximum distance of interest [m]	Averaging time used for distances of interest [s]	Concentration at maximum distance of interest [ppm]
SPT\41. Palete TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	TDI	TDI	500	ERPG (3600)	1,59013
SPT\41. Palete TDI - AEGL2		Category 1.75/D	TDI	TDI	500	ERPG (3600)	1,59101



Outdoor Toxic Results

Distance downwind to defined concentrations

The reported concentrations are defined in the respective material properties

Path	Scenario	Weather	Distance downwind to ERPG1 (3600 s) [m]	Distance downwind to ERPG2 (3600 s) [m]	Distance downwind to ERPG3 (3600 s) [m]	Distance downwind to STEL (900 s) [m]	Distance downwind to IDLH (1800 s) [m]
SPT\41. Paleta TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	39,9104	9,73762	n/a	n/a	n/a
SPT\41. Paleta TDI - AEGL2		Category 1.75/D	39,912	9,73431	n/a	n/a	n/a

Distance downwind to defined dangerous doses

The reported dangerous doses are defined in the respective material properties

Exposure duration at defined dangerous doses

The reported dangerous doses are defined in the respective material properties

Late Pool Fire Results

Distance downwind to defined radiation levels

The reported radiations are defined in the parameters

Path	Scenario	Weather	Pool diameter [m]	Distance downwind to intensity level 1 (5 kW/m ²) [m]	Distance downwind to intensity level 2 (7 kW/m ²) [m]	Distance downwind to intensity level 3 (12,5 kW/m ²) [m]	Distance downwind to intensity level 4 (37,5 kW/m ²) [m]
SPT\41. Palete TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	15,2921	33,2223	27,844	18,3889	9,20279
SPT\41. Palete TDI - AEGL2		Category 1.75/D	15,2921	33,2223	27,844	18,3889	9,20279

Radiation at maximum defined distance downwind

The reported distance of interest is defined at the scenario

Path	Scenario	Weather	Maximum distance of interest [m]	Radiation intensity at maximum distance of interest [kW/m ²]
SPT\41. Palete TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	500	0,0104557
SPT\41. Palete TDI - AEGL2		Category 1.75/D	500	0,0104557



Flash Fire Results

Distance downwind to defined concentrations

The reported LFL and LFL fraction are defined in the respective material property

Path	Scenario	Weather	Distance downwind to LFL [m]	Distance downwind to LFL Fraction [m]
SPT\41. Palete TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D	0	0
SPT\41. Palete TDI - AEGL2		Category 1.75/D	0	0

Maximum distance to LFL fraction at any height

Path	Scenario	Weather
SPT\41. Palete TDI - AEGL3	41.1 Rotura Catastrófica	Category 1.75/D
SPT\41. Palete TDI - AEGL2		Category 1.75/D