

Consequence Summary Report

Workspace: Eurogalva_ACL_Jan2024
Study: 3600 s
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.

Dispersion Results

Input dispersion parameters

Core averaging time	18,75	s
Flammable averaging time	18,75	s
Toxic averaging time	120	s
Height of interest	0	m

Distance downwind to defined concentrations

The reported concentration of interest is defined at the scenario

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]
3600 s\04a_Incendio armazém de pintura líquida	User defined source	2.0/F	n/a	n/a	n/a	n/a	n/a
		2.9/E	n/a	n/a	n/a	n/a	n/a
		3.7/D	n/a	n/a	n/a	n/a	n/a

Distance downwind to defined dangerous doses

The reported dangerous doses are defined in the respective material properties

Path	Scenario	Weather	Distance downwind to dangerous toxic load [m]	Distance downwind to dangerous dose 2 [m]	Distance downwind to dangerous dose 3 [m]
3600 s\04a_Incendio armazém de pintura líquida	User defined source	2.0/F	4,37203	4,37203	3,02799
		2.9/E	10,1081	10,1081	5,81323
		3.7/D	19,1822	19,1822	7,85023

Exposure duration at defined dangerous doses

The reported dangerous doses are defined in the respective material properties

Path	Scenario	Weather	Exposure duration for dangerous toxic load [s]	Exposure duration for dangerous dose 2 [s]	Exposure duration for dangerous dose 3 [s]	Exposure duration for dangerous dose 4 [s]	Exposure duration for dangerous dose 5 [s]	Exposure duration for dangerous dose 6 [s]
3600 s\04a_Incendio armazém de pintura líquida	User defined source	2.0/F	3227,34	3227,34	3239,71	n/a	n/a	n/a
		2.9/E	3240	3240	3240	n/a	n/a	n/a
		3.7/D	3240	3240	3240	n/a	n/a	n/a

Jet Fire Results

Distance downwind to defined radiation levels

The reported radiations are defined in the parameters

Path	Scenario	Weather	Flame length [m]	Distance downwind to intensity level 1 (37,5 kW/m2) [m]	Distance downwind to intensity level 2 (12,5 kW/m2) [m]	Distance downwind to intensity level 3 (7 kW/m2) [m]	Distance downwind to intensity level 4 (5 kW/m2) [m]	Distance downwind to intensity level 5 (3 kW/m2) [m]
3600 s\04a_Incendio armazém de pintura líquida	User defined source	2.0/F	3,40944	n/a	n/a	n/a	n/a	n/a
		2.9/E	3,38135	n/a	n/a	n/a	n/a	n/a
		3.7/D	3,36031	n/a	n/a	n/a	n/a	n/a

Flash Fire Results

Distance downwind to defined concentrations

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

Path	Scenario	Weather
3600 s\04a_Incendio armazém de pintura líquida	User defined source	2.0/F
		2.9/E
		3.7/D

Maximum distance to LFL fraction at any height

Path	Scenario	Weather
3600 s\04a_Incendio armazém de pintura líquida	User defined source	2.0/F
		2.9/E
		3.7/D