

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.

Discharge Results (after atmospheric expansion)

Path	Scenario	Weather	Peak Flowrate [kg/s]	Temperature [degC]	Liquid mass fraction in material [fraction]	Droplet diameter [um]	Expanded diameter [m]	Velocity [m/s]	End time of release [s]
3600 s\03_Fuga 10mm tambor cloro	Leak	2.0/F	2,1768	-33,9907	0,855566	223,835	0,0335896	97,5156	459,389
		2.9/E	2,1768	-33,9907	0,855566	223,835	0,0335896	97,5156	459,389
		3.7/D	2,1768	-33,9907	0,855566	223,835	0,0335896	97,5156	459,389

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\03_Fuga 10mm tambor cloro	Leak	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\03_Fuga 10mm tambor cloro	Leak	2.0/F	424,135	374,881	278,64
		2.9/E	642,327	474,366	257,297
		3.7/D	873,207	566,405	180,753

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\03_Fuga	Leak	2.0/F	2858,83	2853,56	2862,54	n/a	n/a	n/a



10mm tambor
cloro

		2.9/E	2862,54	2862,54	2862,54	n/a	n/a	n/a
		3.7/D	2862,54	2862,54	2862,54	n/a	n/a	n/a