

# Summary of incidents from eMARS

2021-22 (As of October 2022)

# eMARS selected reports 2021 - 2022 –major accidents (1)

INCIDENT	DATE	Pub?	INDUSTRY	KEY FACTORS	LL TYPE	SIGNIFICANCE
Release of natural gas into the atmosphere	2021-01-01	Y	LNG storage and distribution	Detection system failure	8	20,000 m <sup>3</sup> of natural gas released
Explosion of hexane vapour in a rapeseed oil extractor	2021-07-05	Y	Manufacture of food products and beverages	Insufficient maintenance	2	€12,000,000 property damage, 3 injuries
Surface treatment fire at an aerospace manufacturing site	2021-01-10	Y	Equipment manufacturing	Electrical fault	5	€11,000,000 property damage, 35 employees furloughed
Release of HNO <sub>3</sub> due to corroded valve	2021-01-17	Y	Production and storage of fertilizers	Corrosion, incompatible material replacement	2	113 tonnes of hydrochloric acid released into ground and sewer
Release of hydrogen sulphide at a petroleum refinery	2022-03-26	Y	Petrochemical / Oil Refineries	Unauthorized opening of valve in maintenance	1	1 death, 1 injury
Fire in ebonite tank of a surface treatment unit	2021-06-11	N	Explosives	Detection system failure	8	Evacuation of workplace and nearby school, €2,000,000 property damage

# eMARS selected reports 2021 - 2022 –major accidents (2)

INCIDENT	DATE	Pub?	INDUSTRY	KEY FACTORS	LL TYP E	SIGNIFICANCE
Explosion in tanks containing oils and other products	26-05-2022	N	Biofuel production	Hot work (explosion during welding)	1	2 deaths
Explosion in explosives production building	21-03-2022	N	Explosives production	Not yet known		3 deaths
Fire in a metal processing company	13-05-2021	N	Metal processing	Electrical fault and detection system failure	5,8	3 injuries, €16,000,000 property damage
Fire in a freight shipping building	20-11-2021	N	Logistics company	Overheating of lithium ion battery on pallet truck		€15,000,000 property damage
Fire in exhaust system of an alcoholate factory	07-08-2021	N	Chemical installation	Electrical failure/shutdown triggered by detection failure	8,5	€10,000,000 in restoration costs
Fire of solvents in production of printing ink	22-05-2021	N	Chemical installation	Electrostatic ignition, no grounding	4	>€2,000,000 property damage suspected