

Brand på en anläggning i petrokemisk industri.

961117

Ett läckage uppstod i en fläns vid en temperaturgivare på absorptionskolonnen. Orsaken till läckan är okänd. Butan läckte ut vid 20 bars tryck och fann en gnistkälla, varvid gasen antändes och brann med en jetlåga. Gnistkällan kan ha varit elektrisk apparatur, eller en atmosfärisk urladdning, då olyckan inträffade under ett åskväder. Katastrofplanen sattes i verket och kylning av kolonnen sattes igång omedelbart. Kylningen fortsatte under 5 timmar med 12 slangar.

Inblandade ämnen och mängder

	CAS Nr.	Mängd
Butan	106-97-8	okänt

Skador:

Människor:	Inga personskador.
Materiella:	Materiella förluster anges, men specificeras inte.
Miljö/ekologi:	Inga effekter rapporterade.
Infrastruktur:	Inga effekter.

Erfarenheter redovisade (Ja/Nej): Nej

Utredning pågick/pågår.

Report Profile

Identification of Report:

country: FA ident key: 1800_118_01

reported under Seveso I directive as major accident reports: SHORT

Date of Major Occurrence: Time of Major Occurrence

start: 17/11/1996 start: 03:45:00

finish: 17/11/1996 finish: 12:30:00

Establishment:

name:

address:

industry: 2002 petrochemical, refining, processing

Seveso II status: not applicable: Yes art. 6 (notification): No

art. 7 (MAPP): No

art. 9 (safety report): No

Date of Report:

short: full:

Authority Reporting:

name:

address:

Authority Contact:

rep_cont_name:

rep_cont_phone:

rep_cont_fax:

Additional Comments:

a) - not applicable -

b) - not applicable -

c) - not applicable -

d) - not applicable -

e) - not applicable -

Short Report

country: FA ident key: 1800_118_01

Accident Types:

release: No explosion: No

water contamination: No other: No

fire: Yes

description:

Ignition due to a leakage at the top of an absorption column, flame of several metres. Large potential risks.

Substance(s) Directly Involved:

toxic: No explosive: No

ecotoxic: No other: No

flammable: Yes

description:

Butane at 20 bars pressure

Immediate Sources of Accident:

storage: No transfer: No

process: Yes other: No

description:

Leakage in the flange of a temperature sensor in the absorption column

Suspected Causes:

plant or equipment: No environmental: Yes

human: No other: No

description:

Causes of the leakage unknown. Ignition possibly through an electrical discharge (the accident occurred during a lightning storm).

Immediate Effects:

material loss: No

human deaths: No

human injuries: No community disruption: No

other: Yes

ecological harm: No

national heritage loss: No

description:

No victims and no environmental impact, material loss.

Emergency Measures taken:

on-site systems: Yes **decontamination:** No

external services: No **restoration:** No

sheltering: No **other:** No

evacuation: No

description:

Activation of the emergency plan. Cooling of the installation and of adjacent facilities during more than 5 hours with 12 fire hoses

Immediate Lessons Learned:

prevention: No **other:** Yes

mitigation: No

description:

Investigation under way.