

## Naftautsläpp från en kemikaliefabrik.

970504

En ventil brast då nafta vid trycket 250 psi nådde en ventil som var testad för 35 psi. Det är okänt varför nafta av högt tryck kommit in i en ledning för lågt tryck. Huvuddelen av utsläppet kunde inneslutas och täckas med skum.

### Inblandade ämnen och mängder

	CAS Nr.	Mängd
nafta	8030-30-6	100-200 ton

### Skador:

Människor: Fyra anställda fördes till sjukhus, varav en person stannade ett dygn.

Materiella: Inga skador.

Miljö/ekologi: Inga effekter rapporterade.

Infrastruktur: Vägar i närheten av olycksplatsen spärrades av.

**Erfarenheter redovisade (Ja/Nej): Nej**

## Report Profile

### Identification of Report:

country: FA ident key: 1800\_250\_01

reported under Seveso II directive as major accident reports: SHORT

### Date of Major Occurrence: Time of Major Occurrence

start: 04/05/1997 start: 04:30:00

finish: 04/05/1997 finish: 07:25:00

### Establishment:

name:

address:

industry: 2001 general chemicals manufacture

(SIC 24130)

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

art. 7 (MAPP): No

art. 9 (safety report): Yes

### 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\_250\_01

**Accident Types:**

release: Yes explosion: No

water contamination: No other: No

fire: No

**description:**

4 persons affected on-site as a result of the release. One person detained in hospital for over 24 hours.  
Release meets 'major accident' definition given in Regulation 2 (1) CIMAH in addition more than 1% Schedule 2 threshold released for a... see Appendix Short Report / description of accident types

**Substance(s) Directly Involved:**

toxic: No explosive: No

ecotoxic: No other: No

flammable: Yes

**description:**

NAPHTHA (CAS No 8030-30-6)  
100-200 Tonnes

**Immediate Sources of Accident:**

storage: Yes transfer: No

process: No other: No

**description:**

Brine storage cavity No.69, containing 30,000T naphtha

**Suspected Causes:**

plant or equipment: Yes environmental: No

human: No other: No

**description:**

High pressure naphtha at 250 psi entered the low pressure 'brine string'. A relief valve on the low pressure system, rated at 35 psi lifted and a flange seal beneath the valve burst (valve failure, flange bursting). At this stage of the inv... see Appendix Short Report / description of suspected causes

**Immediate Effects:**

material loss: No

**human deaths:** No

**human injuries:** Yes **community disruption:** Yes

**other:** No

**ecological harm:** No

**national heritage loss:** No

**description:**

4 individuals on-site taken to hospital and one detained over 24 hours. Bulk of release contained within a banded area and covered in a foam blanket. No reported effects off-site or to the environment.

**Emergency Measures taken:**

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

**external services:** No **restoration:** No

**sheltering:** Yes **other:** No

**evacuation:** No

**description:**

Roads adjacent to the site were closed as a precaution, no-one was evacuated as a result of the incident. No reports received of persons off-site being affected. Naphtha contained within a banded area and covered by foam on site.

**Immediate Lessons Learned:**

**prevention:** No **other:** Yes

**mitigation:** No

**description:**

Investigation on-going.

## **Appendices for the FA / 1800\_250\_01 report**

**Appendix Short Report / description of accident types:**

4 persons affected on-site as a result of the release. One person detained in hospital for over 24 hours. Release meets 'major accident' definition given in Regulation 2 (1) CIMAH in addition more than 1% Schedule 2 threshold released for application of Regulation 4. example quoted in HS (R) 21 Rev.

**Appendix Short Report / description of suspected causes:**

High pressure naphtha at 250 psi entered the low pressure 'brine string'. A relief valve on the low pressure system, rated at 35 psi lifted and a flange seal beneath the valve burst (valve failure, flange bursting). At this stage of the investigation the cause of the naphtha entering the low pressure brine string has not been established.