

Utsläpp från ett pappersbruk

970405

Mycket kortfattad.

En rörledning brast och förorenat vatten rann ut i den närliggande floden.

Inblandade ämnen och mängder

	CAS Nr.	Mängd
förorenat vatten		ca 21 ton

Skador:

Människor:	Inga personskador.
Materiella:	Inga skador.
Miljö/ekologi:	All fauna och flora längs 4 km av floden (Courant de Mimizan) ödelades. Den döda fisken samlades upp.
Infrastruktur:	Inga effekter.

Erfarenheter redovisade (Ja/Nej): Ja

Mycket kortfattat anges förebyggande åtgärder

Report Profile

Identification of Report:

country: FA ident key: 1800_304_01

reported under Seveso I directive as other event (non-Seveso) reports: SHORT+FULL

Date of Major Occurrence: Time of Major Occurrence

start: 05/04/1997 start: 01:27:00

finish: 05/04/1997 finish:

Establishment:

name:

address:

industry: 2018 paper manufacture, printing, publishing

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_304_01

Accident Types:

release: Yes explosion: No

water contamination: Yes other: No

fire: No

description:

Release of 21 cubic meters of Javel water because of a failure of pipe.

Substance(s) Directly Involved:

toxic: No explosive: No

ecotoxic: Yes other: No

flammable: No

description:

Solution of 50% chlorimetric hypochlorite of sodium

Immediate Sources of Accident:

storage: Yes transfer: Yes

process: No other: No

description:

Pipe supplying a workshop from the storage.

Suspected Causes:

plant or equipment: Yes environmental: No

human: No other: No

description:

Burst of a sleeve pipe made of PCV.

Immediate Effects:

material loss: Yes

human deaths: No

human injuries: No community disruption: No

other: No

ecological harm: Yes

national heritage loss: No

description:

All fauna and flora along the 4 km long of the river called Courant de Mimizan were destroyed.

Emergency Measures taken:

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

external services: Yes **restoration:** No

sheltering: No **other:** Yes

evacuation: No

description:

Removal of killed fish.

Immediate Lessons Learned:

prevention: Yes **other:** No

mitigation: No

description:

Lowering of risks of release (reinforcement of the pipe and lowering of stress) and pond to catch released chemicals.

A Occurrence Full Report

country: FA **ident key:** 1800_304_01

1 Type of Accident

remarks: On a pipe supplying a shop from an outside tank, a sleeve tube made of PCV located between a centrifugal pump (10 cubic meters per hour) and a flow control valve (2.5 cubic meters per hour) bursted.

2 Dangerous Substances

remarks: - not applicable -

3 Source of Accident

illustration: Please specify the attached materials illustrating the location of the establishment, relevant installation(s) and relevant surrounding geographical features.

remarks: - not applicable -

4 Meteorological Conditions

precipitation none: fog: rain: hail: snow:

Yes No No No No

wind speed (m/s):

direction (from):

stability (Pasquill):

ambient temperature (°C):

remarks: - not applicable -

5 Causes of Major Occurrence

main causes

technical / physical 5101 operation: vessel/container/containment-equipment failure

- not applicable -

- not applicable -

- not applicable -

- not applicable -

human / organizational - not applicable -

- not applicable -

- not applicable -

- not applicable -

- not applicable -

remarks: Rupture of pipe

6 Discussion about the Occurrence

- not applicable -

Type of Accident country: FA ident key: 1800_304_01

event:

major occurrence 1103 release: fluid release to water

initiating event - not applicable -

associated event - not applicable -

Dangerous substances

country: FA ident key: 1800_304_01

a) total establishment inventory

CAS number: xxxxxxxx **identity:**

name from Seveso I Directive: - not applicable -

name from Seveso II Directive: - not applicable -

category from Seveso II: - not applicable -

other hazards (1): - not applicable -

other hazards (2): - not applicable -

maximum quantity (tonnes): 250

use of substance as: starting material

b) substance belongs to relevant inventory directly involved: Yes

actual quantity: 20 **potential quantity:** 20

c) substance belongs to relevant inventory indirectly involved: No

actual quantity: 0 **indir_pot_quant:** 0

Source of Accident - Situation country: FA ident key: 1800_304_01

situation

industry

initiating event - not applicable -

associated event - not applicable -

activity/unit

major occurrence 3201 storage: process-associated (stockholding, etc. on-site of manufacture)

initiating event 3301 transfer: pipeline/pipework transfer

associated event - not applicable -

component

major occurrence 4011 general pipework/flanges

initiating event - not applicable -

associated event - not applicable -

B Consequences Full Report

country: FA **ident key:** 1800_304_01

1 Area concerned

affected

extent of effects installation: Yes

establishment: No

off-site; local: Yes

off-site; regional: No

off-site; transboundary: No

illustration of effects please specify the attached materials illustrating the geographical extent

of th... see Appendix Full Report B / area concerned - illustration of

effects

remarks The whole 4 km part of the river called Courant de Mimizan was polluted see Appendix Full

Report B / area concerned - remarks

2 People

establishment popul. emergency personnel off-site population

total at risk 0 0 0

immediate fatalities 0 0 0

subsequent fatalities 0 0 0

hospitalizing injuries 0 0 0

other serious injuries 0 0 0

health monitoring 0 0 0

remarks - not applicable -

3 Ecological Harm

pollution/contamination/damage of:

- residential area (covered by toxic cloud) No

- common wild flora/fauna (death or elimination) Yes

- rare or protected flora/fauna (death or elimination) No

- water catchment areas and supplies for consumption or recreation No

- land (with known potential for long term ecological harm or No

preventing human access or activities)

- marine or fresh water habitat Yes

- areas of high conservation value or given special protection No

remarks Amphihalin species were killed.

4 National Heritage Loss

effects on:

- historical sites None - historic monuments None

- historic buildings None - art treasures None

remarks - not applicable -

5 Material Loss

establishment losses off site losses

costs (direct costs to operator) (social costs)

in ECU FRF ECU FRF

material losses 0 0 0 0

response, clean up, restoration 0 0 0 0

remarks There were very little material losses.

6 Disruption of Community Life

establishment/plant evacuated disabled/unoccupiable destroyed

- nearby residences/hotels No No No

- nearby factories/offices/small shops No No No

- schools, hospitals, institutions No No No

- other places of public assembly No No No

interruption of utilities etc. no / yes duration

- gas No

- electricity No

- water No

- sewage treatment works No

- telecommunications No

- main roads No

- railways No

- waterways No

- air transport No

significant public concern none local level national level

- off site populations Yes No No

- media interest No Yes No

- political interest Yes No No

remarks - not applicable -

7 Discussion of Consequences

- not applicable -

Ecological Components involved

country: FA ident key: 1800_304_01

type: 6304 shore: rocky shore

threatened: not applicable affected: Yes

C Response Full Report

country: FA ident key: 1800_304_01

1 Emergency Measures

taken - on site - not applicable - - not applicable -

- not applicable - - not applicable -

- not applicable - - not applicable -

- off site - not applicable - - not applicable -

- not applicable - - not applicable -

- not applicable - - not applicable -

still - on site - not applicable - - not applicable -

required

- not applicable - - not applicable -

- not applicable - - not applicable -

- off site - not applicable - - not applicable -

- not applicable - - not applicable -

- not applicable - - not applicable -

continuing contamination or danger

-on site not applicable

-off site not applicable

remarks - not applicable -

2 Seveso II Duties

pre-accident evaluation

Article item not due yet not done done/submitted evaluated

6 notification No No No No

7 policy (MAPP) No No No No

9 safety report No No No No

9, 10, 11 update No No No No

11 internal plan No No No No

11 external plan No No No No

13 informing public No No No No

9, 12 siting policy No No No No

post-accident evaluation

Seveso II duty was actual were actual compared with actual

contingency consequences consequences, the

addressed? addressed? predicted extent was?

Article item

7 policy (MAPP) not applicable not applicable not applicable

9 current safety report not applicable not applicable not applicable

11 internal plan not applicable not applicable not applicable

11 external plan not applicable not applicable not applicable

13 informing public not applicable not applicable not applicable

9, 12 siting policy not applicable not applicable not applicable

evaluation of safety organisation

organisational element element existed did element relate to actual circumstances of

yes / no no / partly / yes adequate?

- written policy objectives No

- specified management No

structure

- specified responsibilities No

- specified working procedures No

- specified procedures for No

assessment/auditing of

management system

- specified procedures for No

review and update of

management policy

- specified general training No

procedures

- specified emergency No

training procedures

evaluation of ecological impact control

organisational element element existed did element relate to actual circumstances of

yes / no no / partly / yes adequate?

- ecological status review No

before incident

- potential ecological No

consequences assessment

- ecological impact review No

after incident

- ecological restoration No

procedures

- subsequent review of No

restoration success

remarks - not applicable -

3 Official Action Taken

legal action

- not applicable -

other official action

- not applicable -

4 Lessons Learned

measures to prevent recurrence

The risk of release must be re... see Appendix Full Report C / lesson learned - prevent

measures to mitigate consequences:

Nothing to report

useful references:

Nothing to report

5 Discussion about Response

- not applicable -

Appendices for the FA / 1800_304_01 report

Appendix Full Report B / area concerned - illustration of effects:

please specify the attached materials illustrating the geographical extent of the effects.

Appendix Full Report B / area concerned - remarks:

The whole 4 km part of the river called Courant de Mimizan was polluted .

Appendix Full Report C / lesson learned - prevent:

The risk of release must be reduced (strengthened pipe, lowering of stress...).