

# New Cefic data base of Incidents



**ECTA Workshop « Near-miss reporting / Transport incident investigation”  
25/02/16**

**Victor Trapani – Transport Safety /SQAS Manager**



# Current data base of accidents

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◆ Download accident reports

## Download accident reports

- ★ Tank(container) - Transport - (Un)loading
- ★ Tank(container) Transport - Transport
- ★ Tank(container) Transport - Other activities
- ★ Rail transport - (Un) loading
- ★ Rail Transport - Transport
- ★ Dry bulk Transport - (Un)loading
- ★ Packaging - (Un)loading
- ★ Packaging - Transport
- ★ Packaging - Other activities
- ★ Other activities
- ★ Format to report incidents



# Current data base of incidents

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## Download accident reports

★ Tank(container) - Transport - (Un)loading

- 03. Hose burst caused discharge during tank truck unloading
- 06. Spill from truck loading phenol
- 08. Broken gas spring on loading arm
- 14. A road tank collapses during unloading
- 15. Fire explosion during truck loading
- 16. Spill of product during discharge at customer
- 19. Overfilling of a tank
- 25. Product exposure during unloading
- 34. Butterfly valve closed in wrong direction
- 35. Fall from container ladder
- 41. TDI Overflow
- 43. Leaking tank container
- 49. Product sprayed on driver at unloading
- 49. Product sprayed on driver due to poor discharge pressure management
- 50. Product overflow due to wrong pumping direction
- 51. Tank overflow
- 62. Road tank car implosion
- 64. Unloading of NaHS
- 65. Burning effect of NaOH

# **New data base of incidents: Summary of changes**

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- 1. New “look and feel”**
- 2. New categories and subcategories**
- 3. Sorting options and searching tool**
- 4. Introduction window inviting users to report incidents**
- 5. Email notification sent to all users every time that a new incident is uploaded**
- 6. New “incident user login”**
- 7. Clean up: 18 reports were deleted because of no added value/no root cause identified**

# New “look and feel” data base of incidents















Home	Download	Planning	Terms and conditions	Report	Statistics		Incidents	System	FAQ
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Tick this box if you would like to receive a notification e-mail (  [vtr@cefic.be](mailto:vtr@cefic.be) ) each time a new incident report is added to this list.

Show  entries

Search:

Published	Title	Category	Subcategory	Event type	No
2015-08	Train hits buffer stop during shunting	Rail - Rail Tank Cars (RTC)	Other	Collision of persons / equipment	113  
2015-03	Pressure build up and emission of dense vapor during cleaning of an Acrylic acid rail tank car	Rail - Rail Tank Cars (RTC)	Other	Chemical reaction	112  
2015-09	Steel drum damaged	Trailers (Packed Goods)	Unloading	Loss of containment (leaks, spills, etc.)	111  
2015-05	Hydrochloric Acid leakage from RTC	Road Tanks / Road Tank Containers	Unloading	Loss of containment (leaks, spills, etc.)	110  
2015-05	Hydrochloric acid leakage bulk container	Road Tanks / Road Tank Containers	Transport	Loss of containment (leaks, spills, etc.)	109  
2015-03	Risk of derailment because of threat overheating wheelset bearing box	Rail - Rail Tank Cars (RTC)	Unloading	Equipment failure	108  



# New categories (1)

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Type of equipment	Operation
<ul style="list-style-type: none"><li>➤ Road Tanks/ Road Tank Containers</li><li>➤ Road Silo Tanks/Road Silo Tank Containers</li><li>➤ Rail – Rail Tank Cars</li><li>➤ Rail – Intermodal Tank Containers</li><li>➤ Trailers (Packaged goods)</li><li>➤ Other</li></ul>	<ul style="list-style-type: none"><li>➤ Loading</li><li>➤ Unloading</li><li>➤ Transport</li><li>➤ Other</li></ul>



# New categories (2)

## Type of event (from the Guidelines of incident investigation)

- Chemical reaction
- Collision of persons / equipment
- Container / tank implosion
- Equipment failure
- Explosion
- Fall from height
- Fire
- Human exposure to (electricity, heat, cold, chemicals, etc.)
- Leaving the road / derailment
- Loss of containment (leaks, spills, etc.)
- Object falling off
- Overfilling / overflowing of tanks
- Overturning / Roll over / Tipping over
- Person / object caught between/in/on
- Slip and fall / trip over
- Struck against / by / into
- Unintended mixture (for example (un)loading in the wrong tank)
- Unintended moving of cargo



# Searching tool

Show  entries

Search:

Published	Title	Category	Subcategory	Event type	No
2009-08	Pedestrian fatality due to moving truck	Trailers (Packed Goods)	Transport	Collision of persons / equipment	68
2009-03	Fatality caused by by falling off a tank container	Road Tanks / Road Tank Containers	Loading	Fall from height	66
2009-03	Fatality due to unloading of NaHS in wrong storage tank	Road Tanks / Road Tank Containers	Unloading	Human exposure to (electricity, heat, cold, chemicals, etc.)	64
2009-08	Fatality due to fire extinguisher failure	Other	Other	Struck against / by / into	32

Showing 1 to 4 of 4 entries (filtered from 111 total entries)


<< 1 >>



# Introduction window inviting users to report incidents



Sharing of learning from accidents and incidents
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Over the past years Cefic has developed a **database of logistics incidents** with the aim of sharing the learning with chemical companies and logistics suppliers. This database was built on voluntary reporting by chemical companies of incidents that occurred during the transport or handling of one of their products. The invitation to report incidents is also extended to logistics suppliers.

**We invite you to submit reports of incidents which you believe they have a high learning value for other companies for inclusion in this database. Please, use the form and the guidelines provided below.**










Reports will be made anonymous and send to you for approval before publishing.

This will assist the chemical and transport industry in continuously improving its safety performance.

 **Download reporting form**  
Please send the report to Victor Trapani ([vtr@cefic.be](mailto:vtr@cefic.be))

 **Download guidelines for incident investigation**

*Thank you in advance for your cooperation.*

	2016					24
	2015					13
	2015-12	Improper handling of heating control panel of 20 feet bulk container	Other	Other	Other	81
	2015-12	Leakage of a tank truck at a workshop	Other	Other	Other	31
	2015-12	Acrylic acid explosion	Other	Other	Other	29
	2015-12	Heating up TDI	Other	Other	Other	23
	2015-12	Implosion of rail tank car	Other	Other	Other	37
	2015-12	TDI Leakage RTC	Other	Other	Other	57
	2015-12	EDC	Other	Other	Other	12

# Email notification when a new incident is uploaded



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**From:** SQAS System [<mailto:info@pharoxnet.nl>]  
**Sent:** Tuesday, 9 February 2016 5:30 PM  
**To:** TRAPANI Victor  
**Subject:** New incident reports added to Cefic database of logistics incidents

Dear user,

The following new incident reports have been added to the Cefic database of logistics incidents:

Title: Rupture of tank truck loaded with MDI  
Category: Road Tanks / Road Tank Containers  
Subcategory: Loading  
Type of event: Chemical reaction  
Published: 2008-12

Title: Asphyxiation by nitrogen in Road and Rail Tank Cars  
Category: Road Tanks / Road Tank Containers  
Subcategory: Other  
Type of event: Human exposure to (electricity, heat, cold, chemicals, etc.)  
Published: 2016-02

To view the incident reports, log in to the SQAS system (<http://www.sqas.org>) and go to the main menu 'Incident reports'.

***Do you wish to unsubscribe from this e-mail?***

Please log in to the SQAS system (<http://www.sqas.org>), go to the main menu 'Incident reports' and uncheck the notification box.

If you have any problems or if you need assistance please contact:



# SQAS and Incident Users

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- Chemical and LSPs SQAS users
- Incident report user (new): Can only access the incident data base



# Promotion of the data base

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- **Logistics companies were invited to report incidents (road and rail)**
- **ECTA "Near-miss reporting / Transport incident investigation" meeting on 25/02**
- **“Indirect” promotion every time that a report is uploaded. All SQAS users will receive a notification (830 contacts)**
- **[www.sqas.org](http://www.sqas.org)**

**Thank you for your attention!**  
**Victor Trapani** [vtr@cefic.be](mailto:vtr@cefic.be)



**cefic**

Chemistry making a world of difference

