UNECE  
Transport Division  
Palais des Nations  
CH-1211 Geneve 10  
Switzerland  

Reykjavík 8. Mars 2013  
Ref: 201303-0043/7.01.00  

Report on occurrences during carriage of dangerous goods  
in accordance with ADR section 1.8.5  

The Administration for Occupational, Safety and Health in Iceland is the competent authority for classification of substances and for approval of packings and tanks.  

With regards.  

Víðir Kristinsson  
Head of The Division of Chemistry and Industrial Hygiene, Explosives and ADR  

ECE TRANSPORT DIVISION N°  
Received on: 13 MAR 2013  
Passed to: H. Kervilla  
for: Action  
Discussion  
Information  

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1. **Mode**
   - Rail
     - Wagon number (optional)
   - Road
     - Vehicle registration (optional)

2. **Date and location of occurrence**
   - Year: 2013
   - Month: February
   - Day: 7
   - Time: 04:00
   - Rail
     - Station
     - Shunting/marshalling yard
     - Loading/unloading/transhipment site
     - Location / Country: 
     - or
     - Open line:
       - Description of line: 
       - Kilometres: 
   - Road
     - Built-up area
     - Loading/unloading/transhipment site
     - Open road
     - Location / Country: Saudarkrokur, Iceland

3. **Topography**
   - Gradient/incline
   - Tunnel
   - Bridge/Underpass
   - Crossing

4. **Particular weather conditions**
   - Rain
   - Snow
   - Ice
   - Fog
   - Thunderstorm
   - Storm
   - Temperature: 

5. **Description of occurrence**
   - Derailment/Leaving the road
   - Collision
   - Overturning/Rolling over
   - Fire
   - Explosion
   - Loss
   - Technical fault
   - Additional description of occurrence:
     - The tank wall was damaged by corrosion by the charge (hydrochloric acid)
     - Small defect in the rubber coating was observed.
     - The thickness of the bottom of the tank was under 1 mm
     - The charge could leak through the tank bottom.
### 6. Dangerous goods involved

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Class</th>
<th>Packing Group</th>
<th>Estimated quantity of loss of products (kg or l)</th>
<th>Means of containment</th>
<th>Means of containment material</th>
<th>Type of failure of means of containment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1789</td>
<td>8</td>
<td>II</td>
<td>4,000 1</td>
<td>14</td>
<td>Stainless steel</td>
<td>1, 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(rubberized)</td>
<td></td>
</tr>
</tbody>
</table>

(1) For dangerous goods assigned to collective entries to which special provision 274 applies, also the technical name shall be indicated.

(2) For Class 7, indicate values according to the criteria in 1.8.5.3.

(3) Indicate the appropriate number
1. Packaging
2. IBC
3. Large packaging
4. Small container
5. Wagon
6. Vehicle
7. Tank-wagon
8. Tank-vehicle
9. Battery-wagon
10. Battery-vehicle
11. Wagon with demountable tanks
12. Demountable tank
13. Large container
14. Tank-container
15. MEGC
16. Portable tank

(4) Indicate the appropriate number
1. Loss
2. Fire
3. Explosion
4. Structural failure

### 7. Cause of occurrence (if clearly known)

- [ ] Technical fault
- [ ] Faulty load securing
- [ ] Operational cause (rail operation)
- [X] Other: Corrosion of the steel

### 8. Consequences of occurrence

**Personal injury in connection with the dangerous goods involved:**

- [ ] Deaths (number: 
- [ ] Injured (number: 

**Loss of product:**

- [X] Yes
- [ ] No
- [ ] Imminent risk of loss of product

**Material/Environmental damage:**

- [X] Estimated level of damage ≤ 50,000 Euros
- [ ] Estimated level of damage > 50,000 Euros

**Involvement of authorities:**

- [X] Yes

- [ ] Evacuation of persons for a duration of at least three hours caused by the dangerous goods involved
- [ ] Closure of public traffic routes for a duration of at least three hours caused by the dangerous goods involved
- [ ] No

If necessary, the competent authority may request further relevant information.