

Hydrogen, compressed

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| UN No. | 1049 |
| CLS | 2.1 |
| Trans Cat | 2 |
| EAC | 2SE |
| HIN | 23 |

Product

- Colourless, odourless, compressed gas

Nature of hazard

- Highly flammable, may form explosive mixture with air
- Heating will cause pressure rise, severe risk of bursting and subsequent explosion
- Burns with almost invisible flame

PPE for vehicle crew

- Suitable eye protection
- For loose cylinders
- Leather or thick textile gloves
- Protective boots

Emergency Actions by driver

Notify Police and Fire Brigade *immediately* then:

Do

- Move vehicle to open ground where practical
- Stop engine, isolate electrics
- Keep public away from danger
- Keep upwind
- Advise and assist Emergency Services

Do not

- Allow naked lights
- Smoke
- Attempt to deal with any fire involving the load, but minor vehicle fires should be tackled with the vehicle fire extinguishers, if safe to do so

Emergency Information (Driver and Emergency Services)

First Aid

- Seek medical treatment when anyone has symptoms apparently due to inhalation or burns

Emergency Services Information

PPE

- Emergency Services as per vehicle crew. Emergency Action Code requires breathing apparatus

Fire

- Keep load cool by spraying with water - significant risk of catastrophic failure due to increasing pressure when exposed to fire
- Keep personnel away and upwind
- Do not extinguish a leaking gas flame unless absolutely necessary. Consult an expert. Extinguish any other secondary fires
- The substance is easily ignited and may burn with an almost invisible flame

Spillage

- Keep personnel away and upwind
- Remove, or make safe, all sources of ignition
- Shut off leaks, if safe to do so
- Use low sparking hand tools and explosion-proof electrical equipment

Emergency telephone number

UK: 0500 020202

Republic of Ireland: 01 4566526