

Carbon Dioxide

UN No.	1013
CLS	2.2
Trans Cat	3
EAC	2RE
HIN	20

Product

- Colourless, odourless, liquefied gas

Nature of hazard

- The gas is suffocating without warning
- Heating will cause pressure rise, severe risk of bursting and subsequent explosion
- The gas is heavier than air, and will spread along the ground
- Escaping gas is very cold and produces mist restricting visibility
- Cold contact with skin results in cold burns (injuries may be permanent)
- Cold product contact with eyes results in severe injury (injuries may be permanent)

PPE for vehicle crew

- Suitable eye protection
- 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
- Alert and restrict other road users
- Keep upwind
- Advise and assist Emergency Services

Do not

- Allow naked lights (possibility of spilled fuel)
- Smoke (possibility of spilled fuel)
- 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
- Enter pits, hollows or troughs

Emergency Information (Driver and Emergency Services)

First Aid

- Seek medical treatment when anyone has symptoms apparently due to inhalation or contact with skin or eyes

Emergency Services Information

PPE

- Emergency Services as per vehicle crew. Emergency Action Code requires full protection

Fire

- Keep receptacles cool by spraying with water - significant risk of catastrophic failure due to increasing pressure when exposed to fire
- Keep personnel away and upwind
- Safety devices on cylinders may operate unexpectedly when exposed to heat, causing danger from spraying cold product

Spillage

- Shut off leaks, if safe to do so
- Warn personnel in pits, hollows and troughs
- Keep personnel away and upwind

Emergency telephone number

UK: 0500 020202

Republic of Ireland: 01 4566526