

**TRANSPORT EMERGENCY CARD  
(ROAD)**

**Oxygen, Refrigerated liquid**

UN No. 1073  
 CLS 2.2  
 SH 5.1  
 Trans Cat 3  
 EAC 2PE  
 HIN 225

**Product**

- Odourless, deeply refrigerated liquefied gas

**Nature of Hazard**

- Increases fire risk. Combustible material (e.g. clothing) ignites more readily and burns fiercely
- The gas is heavier than air, and will spread along the ground
- Reacts with oils, fats or highly combustible substances generating heat, and may cause spontaneous fire or explosion
- Spilled liquid evaporates quickly, the gas is very cold and produces mist, restricting visibility
- Liquid contact with skin results in cold burns (injuries may be permanent)
- Heating will cause pressure rise, severe risk of bursting and subsequent explosion
- Spilled liquid has very low temperature, can cause material embrittlement

**PPE for Vehicle Crew**

- Suitable eye protection
- Suitable gloves providing thermal insulation
- Protective boots

**Emergency Action 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 and upwind
- Avoid contact with liquid
- Ventilate clothing exposed to product
- Advise and assist Emergency Services

**Do not**

- Allow naked lights
- Smoke
- Touch liquid or bare pipes without suitable protection \
- 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 dense vapour clouds or pits, hollow or troughs
- Allow water to be sprayed onto relief valves

**Emergency Information**

**(Driver and Emergency Services)**

**First Aid**

- In case of contact with liquid, slowly thaw frosted parts with cold water, then remove clothing carefully
- 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 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

**Spillage**

- Remove or make safe, all sources of ignition
- Shut off leaks, if safe to do so
- Keep personnel away and upwind
- Warm personnel in pits, hollows and troughs
- Prevent fluid entering pits, hollows and troughs
- Contain leaking liquid with sand or earth (non-oily), allow to evaporate naturally – do not use water
- Do not absorb in combustible materials (e.g. sawdust)
- Safety devices may operate unexpectedly when heat applied or insulating jacket damaged, causing danger from cryogenic liquid spraying onto personnel

**Emergency Telephone Number & Company Address**