# TRANSPORT EMERGENCY CARD (ROAD)

## Acetylene, dissolved

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### Product

Colourless gas, with faint garlic-like odour, dissolved in acetone

### Nature of hazard

- Highly flammable, may form explosive mixture with air
- Heating will cause pressure rise, severe risk of bursting and subsequent explosion
- Cylinder, if heated, can explode without warning even several hours later
- The gas is suffocating without warning

### PPE for vehicle crew

- Suitable eye protection
- Leather or thick textile gloves
- 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
- Keep upwind
- Ventilate clothing exposed to product
- 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

**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 fire
- Refer to ‘Acetylene Cylinders in Fires’ flow chart.
- Cylinders exposed to heat will remain dangerous. Any warm cylinder must be continuously cooled.

**Leakage**

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

### Emergency telephone number