

**TRANSPORT EMERGENCY CARD
(ROAD)**

Acetylene, dissolved

UN No. 1001
CLS 2.1
Trans Cat 2
EAC 2SE
HIN 239

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

(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 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 off leaks, if safe to do so
- Use low-sparking hand tools and explosion-proof electrical equipment
- Consider evacuation

Emergency telephone number