SULPHUR HEXAFLOURIDE

UN No. 1080
CLS 2.2
Trans Cat 2
EAC 2A
HIN 20

Product
Sulphur hexafluoride is colourless, odourless gas

Nature of Hazard
- Asphyxiant: the gas will suffocate without warning.
- Not flammable.
- The gas is much heavier than air.
- Heating of container(s) will cause pressure rise with risk of bursting and immediate release of expanding vapour cloud creating a pressure wave.
- The gas may be invisible and may enter sewers, basements or confined spaces.

PPE for Vehicle Crew
- Self-contained breathing apparatus
- Impermeable protective equipment

Emergency Action by Driver
Notify Police and Fire Brigade immediately, then:

Do
- Keep upwind
- Warn people nearby to stay indoors with doors and windows closed. Stop any ventilation. Consider evacuation of people in immediate danger
- Minimize number of personnel in risk area
- Warn people to leave and not to re-enter basement sewers or other confined spaces

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
- If substance has got into eyes, wash out with water for at least 15 minutes and seek immediate medical attention.
- Persons who have been in contact with the substance or have inhaled fumes should get immediate medical attention. Pass on all available product information.

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

Fire
- Keep container(s) cool with water.
- Close valve if possible
- Work from protected position to reduce risk to personnel. Use unmanned monitors or lances.
- Use water spray to knock down fire fumes if possible.
- Avoid unnecessary run-off of extinguishing media which may cause pollution.

Spillage
- Stop leaks if possible.
- Knock down or disperse gas cloud with water spray.
- If substance has entered a water course or sewer, inform the responsible authority.
- Ventilate sewers and basements where there is no risk to personnel or public.

Precaution after intervention
- Remove contaminated clothing as soon as possible and before leaving incident.

Emergency Telephone Number & Company Address