

**TRANSPORT EMERGENCY CARD  
(ROAD)**

**Sulphur Dioxide**

UN No. 1079  
CLS 2.3  
Trans Cat 2.3,8  
EAC 2TC  
HIN 268

**Product**

Sulphur Dioxide is a colorless gas with irritating odour.

**Nature of Hazard**

- Corrosive, causing damage to skin, eyes, and air passages.
- Toxic by inhalation or skin absorption.
- Not flammable.
- The gas is absorbed or readily dispersed by water fog/spray.
- May react in a fire to produce toxic or irritant gases or fumes.
- Heating of container(s) will cause pressure rise with risk of bursting and immediate release of expanding toxic and corrosive vapor cloud creating a pressure wave.
- Contact with liquid will cause frostbite and severe damage to eyes.
- May react with metals and produce hydrogen gas which may form explosive mixture with air.
- The gas may be invisible and may enter sewers, basements or confined spaces.

**PPE for Vehicle Crew**

- Gas tight Suit
- Insulating undergarments and thick textile or leather gloves
- Protective boots
- Safety goggles or eye protection

**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
- Advise and assist Emergency Services
- Water should not be used directly on container for controlling leakage
- Mark road and warn road users

**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.
- Remove contaminated clothing immediately and drench affected skin with plenty of water.
- Persons who have been in contact with the substance or have inhaled fumes should get immediate medical attention. Pass on all available product information.
- Mouth to mouth resuscitation should be avoided. Use alternative methods, preferably with oxygen or compressed air driven apparatus.
- Thaw frosted parts carefully with cold water.

**Emergency Services Information**

**PPE**

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

**Fire**

- Keep container(s) cool with water.
- Work from protected position to reduce risk to personnel. Use unmanned monitors or lances.
- Use water spray to knock down fire fumes if possible.
- Do not use a solid water stream as it may cause corrosive liquid to splash.
- 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.
- In the absence of specialist advice, drench spillage with water spray to assist evaporation and absorb gas but avoid unnecessary run off which will cause pollution

**Precaution after intervention**

- Drench contaminated suit and breathing apparatus with water before removing facemask and suit.
- Use chemical protection suit and self-contained breathing apparatus while undressing contaminated co-workers or handling contaminated equipment.

**Emergency Telephone Number & Company Address**