



WG-TRA

TREM 15 / 18 / E

**TRANSPORT EMERGENCY CARD
(ROAD)****CHLORINE****UN No.** 1017
CLS 2.3
Trans Cat 2.3+8
EAC 2TC
HIN 268**Product**

Chlorine is a greenish yellow gas with pungent and irritating odour at room temperature.

Nature of Hazard

- Corrosive, causing damage to skin, eyes and air passages.
- Highly toxic by inhalation or skin absorption.
- Not flammable however, Oxidizer. May accelerate the burning of other combustible materials.
- May react in a fire to produce toxic or irritant gases or fumes which may be fatal.
- Heating of container(s) will cause pressure rise with risk of bursting and immediate release of expanding toxic and corrosive vapour cloud creating a pressure wave.
- Contact with liquid will cause frostbite and severe damage to eyes.
- May attack 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 & breathing apparatus
- Insulating undergarments and thick textile or leather 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
- 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.
- Avoid unnecessary run-off of extinguishing media which may cause pollution.

Spillage

- Stop leaks if possible.
- Contain spillage by any means available.
- Knock down or disperse gas cloud with water spray. Do not allow water spray to come into contact with liquid product.
- 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.
- If necessary to reduce toxic vapour hazard, cover liquid pool e.g. with foam..

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
- Contain decontaminated run off

Emergency Telephone Number & Company Address