

Class	8
PG	I
HI No	886
UN	1790

LOAD**Hydrofluoric Acid with more than 60% hydrogen fluoride****Name of substance(s): HAZCHEM HYDROSOL**

- Usually colourless fuming liquid - Perceptible odour.
- Completely miscible with water.

NATURE OF DANGER

- Highly corrosive.
- Contact with liquid causes severe damage: to eyes, to skin, to air passages.
- May attack many materials and clothing.
- Attacks many metals with liberation of hydrogen which is flammable and forms explosive mixture with air.
- Toxic: by absorption through skin, by inhalation, by ingestion. Symptoms may develop after several hours.
- The vapour poisons: by inhalation.
- Heating may cause toxic fumes.
- Decomposes in a fire giving off toxic fumes: hydrogen fluoride.
- The vapour is heavier than air and spreads along ground.

PERSONAL PROTECTION

- Respiratory protective device enabling driver to escape e.g. escape hood or mask with combined gas particle cartridge.
- Goggles or face shield.
- Light protective clothing.
- Protective gloves.
- Protective footwear.
- Eyewash bottle with clean water.

INTERVENTION EQUIPMENT

- Not applicable.

GENERAL ACTIONS BY THE DRIVER

- Stop the engine.
- No naked lights. No smoking.
- Mark roads with self-standing warning signs and warn other road users or passers-by.
- Keep public away from danger area. Keep upwind.
- Notify police and fire brigade as soon as possible.

ADDITIONAL AND/OR SPECIAL ACTIONS BY THE DRIVER

- Put on your respiratory protective device and keep out of the danger area.
- If substance has entered a water course or sewer or been spilled on soil or vegetation, inform police.

FIRE (information for the driver in case of fire)

- Do not attempt to deal with any fire involving the load.

FIRST AID

- If substance has got into the eyes, immediately wash out with plenty of water. Continue treatment until medical assistance is provided.
- Remove contaminated clothing immediately and drench affected skin with plenty of water, then wash with soap and water.
- Seek medical treatment when anyone has symptoms apparently due to inhalation, swallowing or contact with skin or eyes.
- Persons who have inhaled the fumes produced in a fire or in a chemical reaction may not show immediate symptoms. They should be taken to a doctor with this card. Patient must be kept under medical supervision for at least 24 hours.

SUPPLEMENTARY INFORMATION FOR EMERGENCY SERVICES

- Consult an expert immediately.
- Keep container(s) cool by spraying with water if exposed to fire: Beware dangerous reaction with water if containers ruptured.
- Extinguish with waterspray, foam or dry chemical.
- Do not use water jet.
- Use waterspray to "knock down" vapour.
- Sewers must be covered and basements and workpits evacuated.
- Keep remaining cargo dry.
- Use dry plastic or stainless steel containers for repacking.
- Do not flush road with water.

Additional information

In case of Emergency Contact: David Howard
 HazChem Systems Ltd
 212-214, Katherine Street,
 Ashton-Under-Lyne, Lancashire OL6 7AS

EMERGENCY TELEPHONE: 0161 339 0821