

Phosphoric Acid – First Aid and Emergency Response

Phosphoric Acid is corrosive colourless liquid in nature It is usually available as a greenish liquid.

FIRST AID:

Eyes: Immediately flush eyes with plenty of water for at least 15-20 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Immediately flush skin with plenty of water for at least 10-15 minutes while removing contaminated clothing and shoes.

Ingestion: Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

EMERGENCY RESPONSE:

To douse small fire, use DCP (Dry Chemical Powder) extinguisher or water spray.

For large spills, evacuate the nearby area at least for 300 feet.

In case of truck. Tanker fire, isolate 800 meters area in all direction.

Absorb spill with inert material (e.g. vermiculite, sand or earth) if possible, and then place in suitable container.