



Oakland County Medical Control Authority
Special Operations
Hazardous Materials Medical Response Team

HYDROCARBONS AND HALOGENATED HYDROCARBONS

Initial Date: September 2022

Section 10.106

Revised Date: 9/14/2023

This Protocol is intended for use by a Hazardous Materials Response Team.
Hydrocarbons and Halogenated Hydrocarbons

Hydrocarbons: Methane, Propane, Gasoline, Mineral spirits, Kerosene, Turpentine, and Pine tar.

Halogenated hydrocarbons: Chloroform, Ethyl Chloride, Methylene Chloride, and Trichloroethane.

FORMS: Gas and liquid

ROUTES OF EXPOSURE: Skin and eye, inhalation, ingestion.

SIGNS AND SYMPTOMS:

CNS: Stupor, lethargy and coma. Seizures may be present.

Eye: Chemical conjunctivitis with vapors, irritation or corneal injury with liquids.

Cardiovascular: Arrhythmias and hypotension.

Respiratory: Respiratory depression.

Skin: Chemical burns with prolonged contact.

Pre-Medical Control

PARAMEDIC

1. Follow **10.100 General Hazardous Materials Treatment** protocol.
2. Administer oxygen 10-15 L via non-rebreather mask if inhalation exposure.
3. Place the patient on cardiac monitor.
4. Monitor level of consciousness for possible deterioration.
5. Wash patient with mild soap/detergent and large quantities of water, for at least 15 minutes.
6. Follow **10.105 HAZMAT Eye Irrigation** protocol if necessary.