

DIESEL, KEROSENE, HEATING & FUEL OIL (1, 2)

Chemical Names:

Diesel Oil 1 & 2, Kerosene 1 & 2, Fuel Oil 1 & 2, Heating Oil 1 & 2

Chemical Family:

Petroleum Hydrocarbons, Paraffins (Alkanes), Aromatic Hydrocarbons

Components - May Contain Variable Amounts of:

Petroleum distillate (Predominately Hydrocarbons ranging from C10 -C16)
Naphthalene
Xylene

Extinguishing Media:

Use water fog, foam, dry chemical or CO₂. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

Special Fire Fighting Procedures and Precautions:

HIGHLY COMBUSTIBLE! Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water. In the case of large fires, also cool surrounding equipment and structures with water.

Unusual Fire and Explosion Hazards:

When heated above the flash point, this material will release flammable vapors which if exposed to an ignition source can burn in the open or be explosive in confined spaces. Mists or sprays may be flammable at temperatures below the normal flash point (130 F). Avoid contact with strong acids, alkalis and oxidizers such as liquid chlorine and oxygen.

Health Hazards:

Liquid is moderately irritating to eyes/skin. Release during high pressure may result in injection of oil into the skin causing local necrosis. Inhalation of vapors or mist may cause mild irritation to the upper respiratory tract. High concentration may result in CNS depression, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur. Inhalation of high levels of mist may result in chemical pneumonitis. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lung must be avoided as even small quantities may result in aspiration pneumonitis, evidenced by coughing, labored breathing and cyanosis (bluish skin). In severe cases, death may occur.