

Answer on Question #44698 – Chemistry - Physical Chemistry

Would it be more hazardous to spill petrol or diesel fuel on to a hot vehicle exhaust pipe?
Explain your reason briefly

Answer:

Spilling petrol on the hot part of the car will be much more dangerous than spilling diesel fuel. because petrol vapors from flash. Flash gasoline $<-20^{\circ}\text{C}$, a flash point of diesel fuels $<+55^{\circ}\text{C}$.