



HSE ALERT # 164

HEALTH HAZARDS IN CAR

Open the windows of the car while getting in and leave it open to refresh before moving.

Based on scientific research, it is found that there is a gas called **gasoline**, emitted from the seats, tablon, air refreshers and seat covers. When parking car in the sun particularly when the weather temperature is higher than 15°C (60°F).



Hazards of Gasoline:

Gasoline is very poisonous, while inhaling for a long period by human (it cannot be avoided while entering the car).

- It is concentrated in the blood and bone poisoning, causing anemia and the decreasing in white blood cells.
- In the long run it becomes the major cause of leukemia, cancer and abortion.
- The acceptable rate for the carcinogenic poison gas in closed area is 50mg per square foot, but while the car is parked in a closed garages the percentage increase to 400 - 800 mg.
- If a person has parked the car directly under the sun, above the temperature of 15°C (60°F), the proportion of gas in the car jumps from 2000 to 4000 mg or more than the acceptable rate by 40 times.

Precaution:

Gasoline gas is very dangerous and it leaves a toxic effect on the liver and kidneys hence making it difficult to be expelled from the body. Person should always take precautions to let car windows down and leave car doors open for a while before moving.

Be Aware and Stay Safe