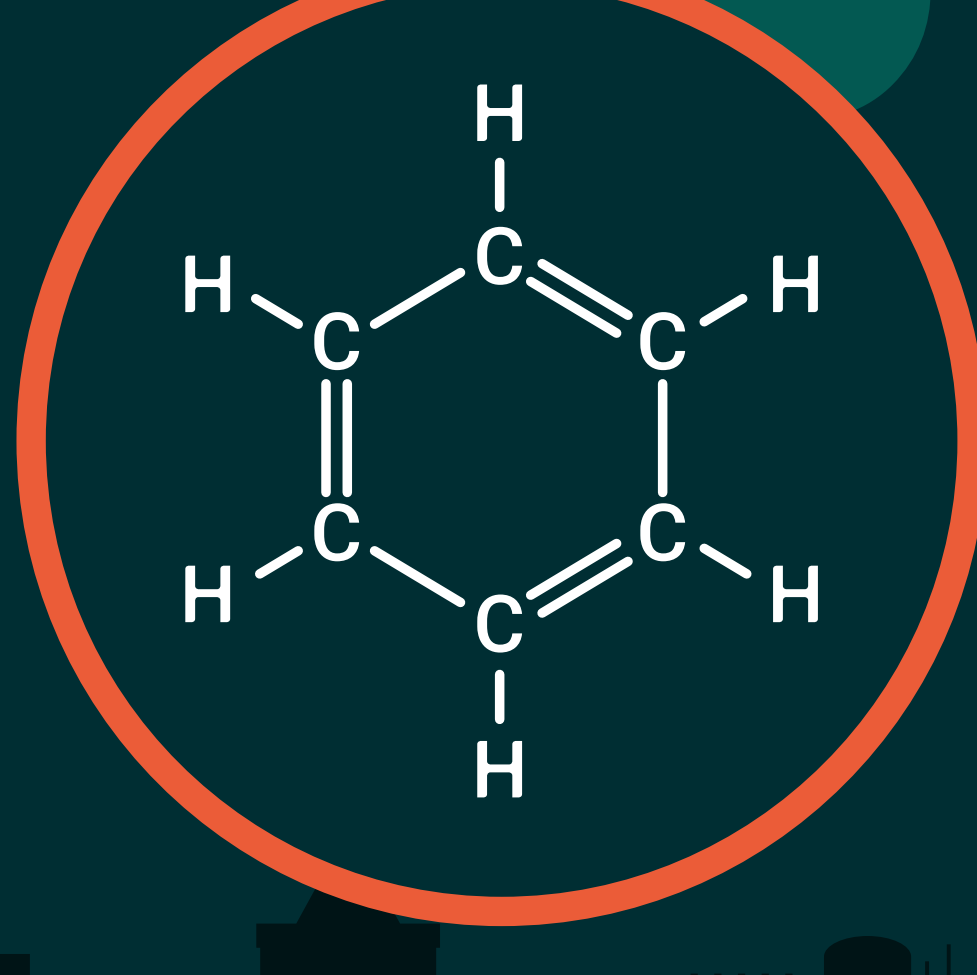


WHAT IS BENZENE



It is a clear, highly flammable and volatile liquid. Benzene is used in a range of industrial sectors.



THE SOURCES OF BENZENE

Benzene is all around us, present in practically every organic compound on earth and one of the most widely-used chemicals worldwide



TRAFFIC



FOREST FIRES



CRUDE OIL



CIGARETTE SMOKE

The most common source of benzene is vehicle emissions

It's also emitted by manufacturers in the oil & gas and petrochemical industry.

DID YOU KNOW?



BENZENE

HAS A DISTINCT SWEET SMELL

IT EVAPORATES AT ROOM TEMPERATURE

At room temperature benzene evaporates and can be cancer-inducing if inhaled.



EARLY DETECTION IS ESSENTIAL



BENZENE IS A KNOWN CARCINOGENIC

NO ABSOLUTE SAFE LEVEL OF EXPOSURE CAN BE RECOMMENDED

DID YOU KNOW?

EVERY YEAR

666,000

DEATHS OCCUR WORLDWIDE

due to work-related cancer

AS MANY AS

238,000

PEOPLE MAY BE OCCUPATIONALLY EXPOSED TO BENZENE IN THE UNITED STATES ALONE

HOW TO DETECT BENZENE



MONITORING

We believe the most effective method is fence line monitoring of sites



MAPPING

This produces a mapping of geographic emissions of benzene (and other gases) using ultraviolet spectroscopy



DATA

Real-time, data is fed back to the client. Including precise levels but also peak times and locations