

XYZ

**Xylene (C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>):** Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.

**Yellowcake:** A natural uranium concentrate that takes its name from its color and texture. Yellowcake typically contains 70 to 90 percent U<sub>3</sub>O<sub>8</sub> (uranium oxide) by weight. It is used as feedstock for uranium fuel enrichment and fuel pellet fabrication.