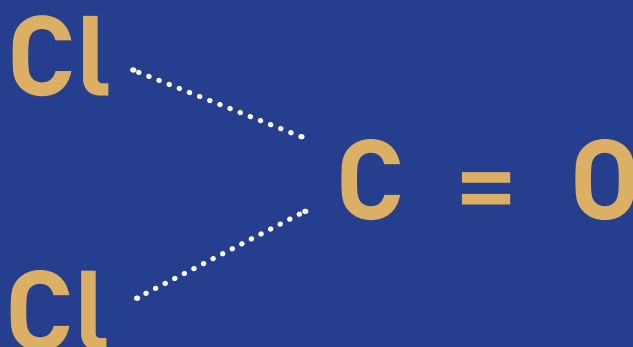


What is Phosgene

Phosgene is a raw material used primarily in the production of two other chemicals: methylenediphenyldiisocyanate (MDI) and toluene diisocyanate (TDI)



1

Essential in everyday products:

- *flexible foam in upholstered furniture
- *rigid foam as insulation in walls
- *thermoplastic polyurethane in medical devices
- *coatings, adhesives, sealants and elastomers for floors and automobiles
- *polycarbonate plastics and more!

2

Phosgene (COCl₂) is produced by **combining carbon monoxide and chlorine with a catalyst.**

3

British chemist **John Davy synthesized phosgene in 1812** by using sunlight. Phosgene is based on the Greek words phos (light) and gene (born).

4

Synonyms: carbonic acid dichloride, carbonic dichloride, carbon oxychloride, carbonyl chloride, choloformyl chloride

Information provided by:

The Phosgene Panel of the American Chemistry Council was established in 1972 to support the phosgene industry through the continuous evaluation of and improvements to the production, distribution and use of phosgene.

