

PHOSPHINE DERIVATIVES TECHNOLOGY MAP

Nippon Chemical is one of the few manufactures and distributors of phosphine gas in the world.

With phosphine gas as the bases, we manufacture alkyl phosphine, phosphine oxide, and phosphonium salt.

In regards to the synthesis of alkyl phosphine, the technology permits selective manufacture of Grades 1, 2, and 3 in the industrial manufacture of phosphine ligands, such as bisphosphine and Buchwald ligands.

In recent years, we have supplied compounds for use in the synthesis of quantum dots, including tris (trimethylsilyl) phosphine, trioctyl phosphine, and trioctyl phosphine oxide.

