

ABSTRACT

**Boron Trifluoride Complex Compound for Polymerization
of Trioxane**

The present invention relates to a boron trifluoride complex compound solution to be used as a catalyst for polymerization of trioxane, which is excellent in polymerization stability; also a method for polymerizing trioxane using the solution. The boron trifluoride complex compound solution contains 0.98 mole or less of boron trifluoride based on one mole of the total amount of said organic compound capable of forming complex compounds contained in the solution.