

## **Chemical synthesizer (chmmkr) Help Index**

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## Chemical Maker

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## Reaction

Start  
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### **Start reaction**

Choosing this item will cause the current reaction to start. Clicking on the menu item or on the mix push button will accomplish the same thing.

## **Repeat**

Choosing this item will cause the current reaction to repeat. Clicking on the menu item or on the push button will accomplish the same thing.

## **Purpose of the Program**

The purpose of chmmkr, the chemical synthesizer program, is to give the introductory chemistry student a feel for what is occurring at the atomic level when chemical reactions occur. In addition to showing graphical representations of reactions on the atomic level, the program also requires the student to be able to choose the correct reagents in order to synthesize a predetermined element or compound and the conditions of temperature, pressure, and catalysis required for the reaction. All major types of reactions that introductory chemistry students encounter are presented.

See the lab that accompanies the registered program for more information.

## Start...F2

When this menu item is chosen a dialog box will be presented which contains a list of starting materials, temperature conditions, pressure conditions, catalytic requirements, and the substance to be synthesized. Use the mouse and/or tab key to choose the appropriate choices. Any incorrect responses will be so indicated in a message box. When all choices are correct a graphical representation of the reaction will be presented. It can be started by choosing the Reaction menu item Start Reaction or by pressing the Mix key

**Exit**

Ends the program. Press Alt-X or choose from the Titration menu.

