

# Download Equilibrium And Ksp Study Guide

The equilibrium constant is written as  $K_{sp}$  and identified as the solubility product constant (or the solubility constant) for a solution at equilibrium.  $K_{sp}$  can be calculated by writing the law of... Start studying Chemistry Equilibrium &  $K_{sp}$  test. Learn vocabulary, terms, and more with flashcards, games, and other study tools. View Test Prep - Honors\_Equilibrium\_and\_Ksp\_Study\_Guide (1) from PHYS 101 at John Jay College of Criminal Justice, CUNY. \_ \_ \_ \_ Equilibrium and  $K_{sp}$  Study Guide 1. Chemical equilibrium exists The equilibrium is represented by the equation above. (a) Write the expression for the solubility-product constant,  $K_{sp}$ , and calculate its value at  $18^{\circ}\text{C}$ . (b) Calculate the equilibrium concentration of  $\text{Mg}^{2+}$  in 1.000 liter of saturated  $\text{MgF}_2$  solution at  $18^{\circ}\text{C}$  to which 0.100 mole of solid KF has been added. The KF dissolves completely.