

WARNING — This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

Name _____

Period _____ Date _____

MYSTERY-MIXTURE ANALYSIS

Materials

- 1 Set of nine white substances
- 1 Vial of mystery mixture
- 2 Dropper bottles of water
- 10 Minispoons, green
- 2 Well trays
- Protective eyewear

Challenge

Find out which two substances are in the mystery mixture.

Procedure

- a. Put one level minispoon of two different substances (or two minispoons of one substance) in a well. Note the number of the well.
- b. Add 10 drops of water. Observe and record.

Well number	Substance 1	Substance 2	Results
1	Mystery mixture		
2		+	
3		+	
4		+	
5		+	
6		+	
7		+	
8		+	
9		+	
10		+	
11		+	
12		+	
		+	
		+	