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Try to classify each of the following substances as an element, compound, homogeneous (uniform) mixture, or heterogeneous (non-uniform) mixture (you may want to do some research on chemical composition of each substance to help you classify; asking yourself “*what is this made of and how?*” also often helps 😊) :

- a. Air
- b. Blood
- c. Baking soda
- d. Garden soil
- e. Fine quality paper
- f. Mercury (liquid metal inside old-fashioned thermometers)
- g. Milk
- h. Carbon dioxide
- i. Chicken noodle soup
- j. Play-Doh
- k. Aluminum foil
- l. Bleach
- m. Pure oxygen (gas in airplane oxygen masks)
- n. Snow
- o. 14 K gold (material frequently used in fine jewelry)
- p. Hand sanitizer