Adentify Unknown Substances



To drink or not to drink?

You find a glass of something that looks like milk, but how are you sure? By using properties such as:

- -Color
- -Odor
- -Texture
- -Density Degree of compactness of a substance
- -Boiling point Temperature at which a liquid boils and turns to vapor
- -Freezing point Temperature at which a liquid turns into solid when cool

Milk Properties

Color: white

Odor:

Slight stench

Texture:

Liquid, Creamy look, Smooth

Density:

Thick, around

1.1 g/ml

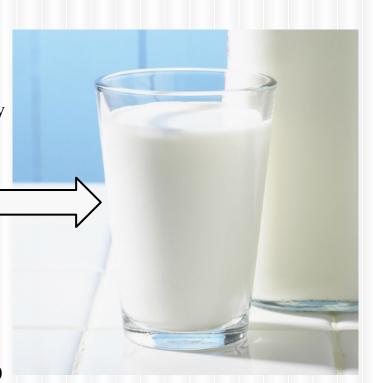
Boiling point

and Freezing point:

unknown, but sets on fire at approximately

79 Celsius

pH: around 7.0



Odor: creamy

Texture: liquid, creamy look, smooth

Density: 1033 kg/m³

Boiling point: about 100 Celsius

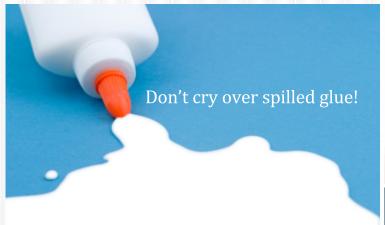
Freezing point: about -o.522 Celsius

pH: around 6.5-6.7



Conclusion

BASED ON OUTZ COLLECTED EVIDENCE THE WHITE SUBSTANCE IS NOT MILK, BUT GLUE.

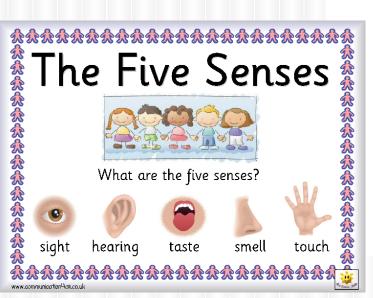




To identify substances you must conduct an experiment.

Remember the SCIENTIFIC METHOD!







Safety and Objectives

 Practice proper lab methods, which prevent contamination and isolate variables during experiments.

• WAFT: technique used to smell substances

Employ scientific vocabulary to give evidence for their conclusions.

Wear safety goggles!

Tie up long hair

Be careful kids!





- 1. Is ice melting to water a physical or chemical change?
- 2. List three chemical and physical properties each.
- 3. The scientific method is a process for experimentation that is used to explore observe and answer questions. What is the first step of the method?
- A) Project experimentation
- B) Hypothesis
- C) Problem
- D) Observation

