

WS 7.9 Presentation ?'s

Answer the following questions based on information given from the student presentations

Dental Amalgams

1. How are they made?
2. Are there any health risks involved?
3. Why do they use this particular solution of metals?
4. Are there any waste-disposal issues with discarding amalgam materials?
5. How long have amalgams been used? How do they compare to composite resins?

Homogenized Milk

1. Why is milk homogenized? What are the benefits?
2. How is milk homogenized?
3. Try to link the presentation to what you learned about "solutions, colloids, and suspensions"
4. Is there such a thing as non-homogenized milk?

(WS 7.9 side 2)

Antifreeze/Coolant

1. Why does a car need antifreeze / coolant?
2. What is antifreeze? Draw the structure for antifreeze below. Is it polar or nonpolar?
3. What health issues are related to the chemical in antifreeze?
4. How is the new, non-toxic, environmentally friendly antifreeze different? Does it work as well?

Soaps / Detergents

1. What properties do soaps have?
2. How do soaps get things clean?
3. What environmental issues are involved with detergents containing phosphates?
4. Is there a difference between "soap" and "detergent"?
5. What scam-products are available to get clothes clean without using any detergent?

Water Softeners

1. What is in a water softener which makes it work?
2. Who needs to have a water softener? What are the benefits?
3. What is the difference between hard water and soft water?
4. How does soft water change the effectiveness of soap?