

Real life Application

1. Because Alka-Seltzer is basic and since stomach aches are caused by excess acid, this Alka-Seltzer helps to neutralize the acid and lowers the acidic level in the stomach.

Concept Questions

1. Not much (for weak acids/Bases)
It does not change much because they are close to neutral colour.

Liquid	Colour Change	pH	H_3O^+	OH^-
Hand Sanitizer	Green	12		OH^-
Lemon Soda	Pink	4	H_3O^+	—
Apple Juice	violet	6	H_3O^+	—
White Vinegar	Pink	3	H_3O^+	—
Shampoo	violet	5	H_3O^+	—
Conditioner	violet	7	—	—
<u>Solids</u>				
Baking Soda	Blue-Green	10	—	OH^-
Tums	violet	6	H_3O^+	
Aspirin	Pink	3	H_3O^+	
Powdered Cleanser	Blue	9	—	OH^-
Powdered detergent	Green-yellow	12	—	OH^-
Table Salt	violet	7	—	—