DRIED RED CABBAGE POWDER

Discover colour-changing chemistry!

Ingredients: 100% dried, powdered red cabbage.
Botanical name: Brassica oleracea.

THE SCIENCE

Anthocyanins are the pigments in red cabbage. They change colour with pH!

pH measures how acidic or alkaline a solution is. Lower pH means more hydrogen ions.

ACIDIC pH below 7

NEUTRAL pH 7

ALKALINE pH above 7



At room temperature. Colours are an approximate guide.

In water, it is usually purple. Acid turns it pink/red. Baking soda in water makes an **alkaline solution**, turning it blue or blue-green.

WHY DOES IT FIZZ?

Acid and baking soda react to release **carbon dioxide bubbles**. This makes bath bombs fizz when wet. Soap traps the gas to make foam.

STORAGE: Keep sealed in cool, dry, dark conditions.

SAFETY: Wear safety glasses or goggles. Children need adult supervision. Avoid breathing in powder.

NOT FOR HUMAN CONSUMPTION