

0.9% Sodium Chloride

Isotonic saline is commonly known by several alternative names and formulations. Here are the main ones:

0.9% Sodium Chloride (NaCl) – The most precise and widely accepted name in clinical settings.

Normal Saline (NS) – The most common colloquial term used in hospitals.

Physiological Saline – Reflects its osmolality approximating that of human plasma.

Isotonic **NaCl** Solution – A generic term used in academic or pharmacological contexts.

Saline 0.9% – A shorthand often seen on IV bags and clinical charts.

All refer to a solution of 9 grams of sodium chloride per liter of water, with an osmolarity of ~308 mOsm/L, making it isotonic relative to blood plasma.

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